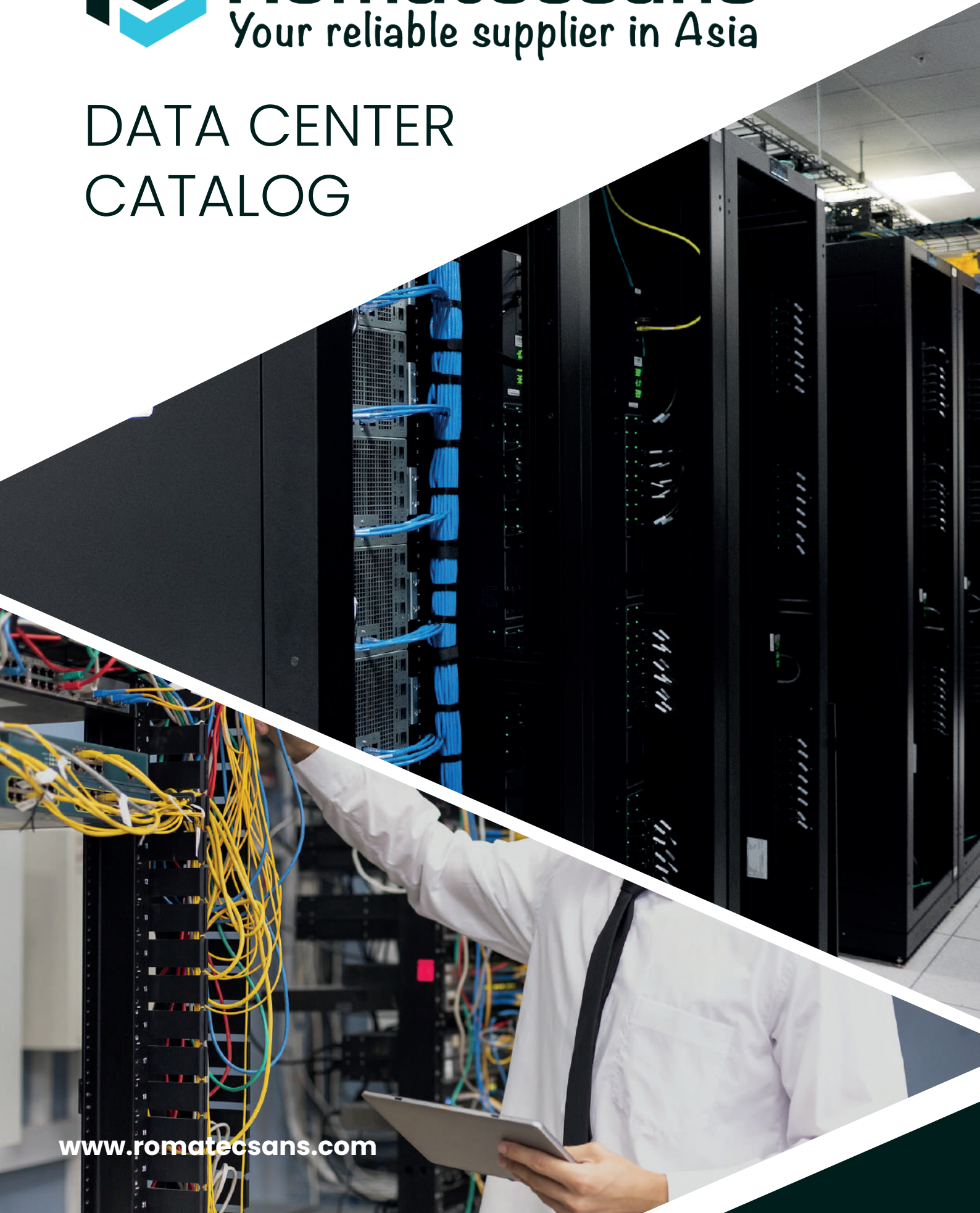




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DATA CENTER CATALOG





INDEX

Cabinets, Racks & Accessories	-
Server & Network cabinets	2 - 4
Wall racks	5 - 6
Cable organisers	7 - 8
PDU's	9
Shelf's	10
Cooling systems	11
ODF, Connectivity & Active	-
ODF's	12 - 15
Optical patch cords	16
Optical pigtails	17
Trunking & Multi-fiber cable	18 - 19
SFP's, SFF's+, XFP's	20 - 21
Media converters	22
Accessibility, Structured cabling,	-
Fiber Optic Cleaning & Testing	-
Optical trays	22 - 30
Structured cabling CAT 5E	31
Structured cabling CAT 6	32
Structured cabling CAT 6A	33
Structured cabling tools	34
Fiber optic tools & equipments	35-36

CERTIFICATIONS & STANDARDS

ZONE 4 GR-63-CORE

IP Rating



Seismic standard

Water & Dust resistance

UL Materials



Green packing

ISO 9001:2015

European certification

TIA/EIA/ANSI/IEEE
ISO/IEC



Telecommunication standards

FOA

ITU

FEATURES



Efficiency & Environmental



Security



High Availability & Performance



SERVER & NETWORK CABINETS



Model RS-ZU

Width (mm) 600 / 800 / 1000

Depth (mm) 600 / 800 / 1000 / 1200

Rack units 25U ~ 47U

Loading capacity 1000kg

Inches 19", 21", 23"

Material SPCC Cold Rolled Steel

Thickness 2.0mm, 1.2mm, 1mm

IP 20

ANSI/EIA RS-310-D, IEC297-2, DIN41494 part 7, DIN41497 part 1, GB/T3047.2-92, UL94-V0.

*Optional type of doors are available under request.



Model RS-ZY

Width (mm) 600 / 800 / 1000

Depth (mm) 600 / 800 / 1000 / 1200

Rack units 25U ~ 45U

Loading capacity 1500kg

Inches 19", 21", 23"

Material SPCC Cold Rolled Steel

Thickness 2.0mm, 1.2mm, 1mm

IP 20

ANSI/EIA RS-310-D, IEC297-2, DIN41494 part 7, DIN41497 part 1, GB/T3047.2-92, UL94-V0.

*Optional type of doors are available under request.

SERVER & NETWORK CABINETS



Model RS-IP51F

Width (mm) 600 / 800 / 1000

Depth (mm) 600 / 800 / 1000 / 1200

Rack units 25U ~ 47U

Loading capacity 1500kg

Inches 19", 21", 23"

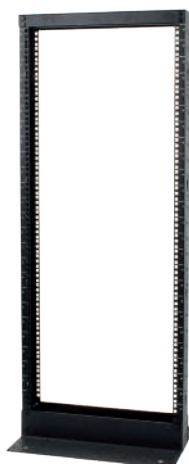
Material SPCC Cold Rolled Steel

Thickness 2.0mm, 1.2mm, 1mm

IP 51

ANSI/EIA RS-310-D, IEC297-2, DIN41494 part 7, DIN41497 part 1, GBIT3047.2-92, UL94-V0.

*Optional type of doors are available under request.



Model RS-OPENR-2

Width (mm) 600 / 800

Rack units 20U ~ 47U

Loading capacity 350kg

Material SPCC Cold Rolled Steel / Aluminium

Thickness 2.0mm, 1.2mm, 1mm



Model RS-OPENR-4

Width (mm) 600 / 800 / 1000

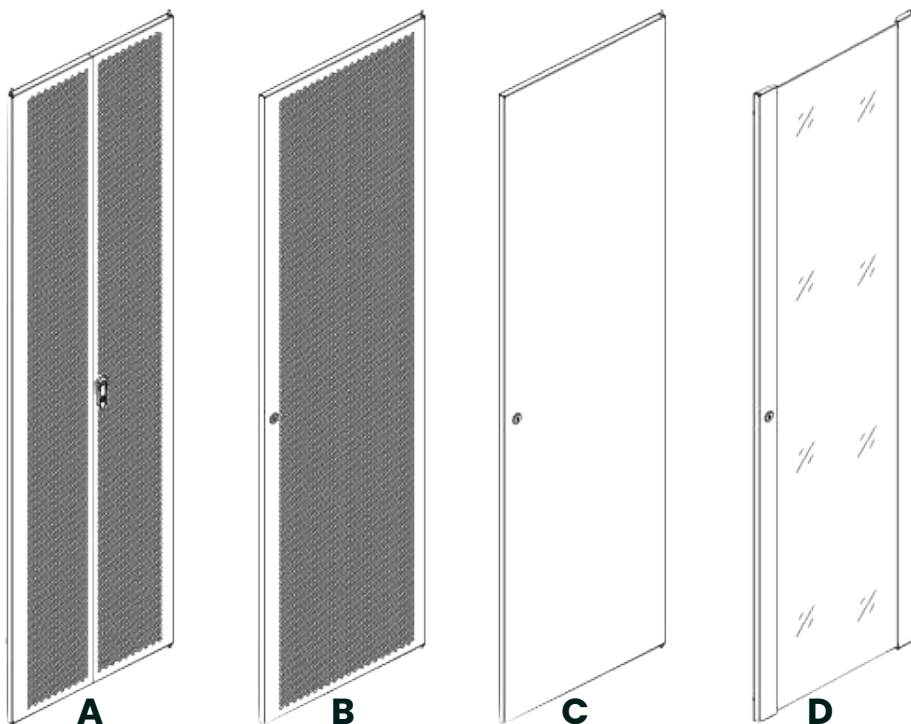
Rack units 20U ~ 47U

Loading capacity 700kg

Material SPCC Cold Rolled Steel / Aluminium

Thickness 2.0mm, 1.2mm, 1mm

SERVER & NETWORK CABINETS



Cabinet door types

A	2 Micro-perforated*	Server Cabinet
B	Micro-perforated*	Server Cabinet
C	Full SPCC door	Network Cabinet
D	Plexiglass door	Network Cabinet

Server cabinets usually have a perforated front and rear. This feature offers ventilation for the equipment being housed. This is crucial to provide a safe environment for this type of equipment which generates a good deal of heat.

**Up to 75% micro-perforated doors.*

Network cabinets are generally used for the storage of routers, patch panels, switches and a wide variety of networking equipment as well as networking accessories.

WALL RACKS



Model RS-DDS

Width	600mm
Depth	450mm / 600mm
Rack units	6U ~ 22U
Loading capacity	80kg
Inches	19"
Material	SPCC Cold Rolled Steel
Thickness	2.0mm, 1.2mm, 1mm
IP	20

ANSI/EIA RS-310-D, IEC297-2, DIN41494 part 7, DIN41497 part 1, GBIT3047.2-92, UL94-V0.

*Optional type of doors are available under request.



Model RS-DSW

Width	600mm
Depth	550mm
Rack units	6U ~ 15U
Loading capacity	60kg
Inches	19"
Material	SPCC Cold Rolled Steel
Thickness	2.0mm, 1.2mm, 1mm
IP	20

ANSI/EIA RS-310-D, IEC297-2, DIN41494 part 7, DIN41497 part 1, GBIT3047.2-92, UL94-V0.

*Optional type of doors are available under request.

RACKS

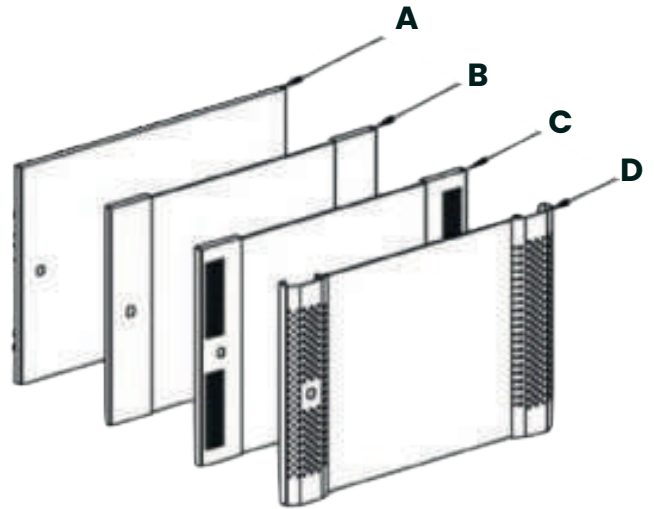


Model RS-EWE

Width	600mm
Depth	450mm / 600mm
Rack units	6U ~ 15U
Loading capacity	50kg
Inches	19"
Material	SPCC Cold Rolled Steel
Thickness	2.0mm, 1.2mm, 1mm
IP	20

ANSI/EIA RS-310-D, IEC297-2, DIN41494 part 7, DIN41497 part 1, GBIT3047.2-92, UL94-V0.

*Optional type of doors are available under request.



Rack door types

- A** Full SPCC door
- B** Tempered glass door
- C** Tempered glass door with vented border
- D** Tempered glass door with meshed border

CABLE ORGANISERS



1U Metal cable organiser M1

Model	RS-1USPM	RS-2USPM
Height	1U	2U
Width	19"	
Material	SPCC Cold Rolled Steel	
Thickness	1.2mm	



1U ABS cable organiser M1

Model	RS-1USPABS	RS-2USPABS
Height	1U	2U
Width	19"	
Material	ABS UL94-V0	



1U ABS cable organiser M2

Model	RS-1URPABSM2
Height	1U
Width	19"
Material	ABS UL94-V0



2U ABS cable organiser M3

Model	RS-2URPABSM3
Height	2U
Width	19"
Material	ABS UL94-V0

CABLE ORGANISERS



Vertical cable organiser

Material SPCC Cold Rolled Steel

Model

25U RS-VCO-25

27U RS-VCO-27

29U RS-VCO-29

31U RS-VCO-31

33U RS-VCO-33

35U RS-VCO-35

37U RS-VCO-37

42U RS-VCO-42

45U RS-VCO-45

47U RS-VCO-47



Blank panel

Model	RS-BLANK1U	RS-BLANK2U
Height	1U	2U
Width	19", 21", 23"	
Material	SPCC Cold Rolled Steel	



Brush panel 1U

Model	RS-1UBRUSHP
Height	1U
Width	19"
Material	SPCC Cold Rolled Steel

PDU's



PDU M1 with switch

Model	RS-M1PDU6	RS-M1PDU8
Sockets	6	8
Type of socket	A, B, C, D, E, F, G, H	
Width	19", 21", 23"	
Material	Un-flammable PP module Aluminium alloy shell	



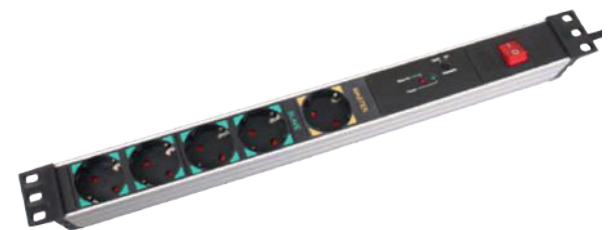
PDU M2 with air switch

Model	RS-M2PDU6	RS-M2PDU8
Air switch	1	2
Sockets	6	
Type of socket	A, B, C, D, E, F, G, H	
Width	19", 21", 23"	
Material	Un-flammable PP module Aluminium alloy shell	



PDU M3 with switch and surge protection

Model	RS-M3PDU6
Sockets	6
Type of socket	A, B, C, D, E, F, G, H
Width	19", 21", 23"
Material	Un-flammable PP module Aluminium alloy shell



PDU M4 with master slave and switch

Model	RS-M4PDU6
Sockets	6
Type of socket	A, B, C, D, E, F, G, H
Width	19", 21", 23"
Material	Un-flammable PP module Aluminium alloy shell

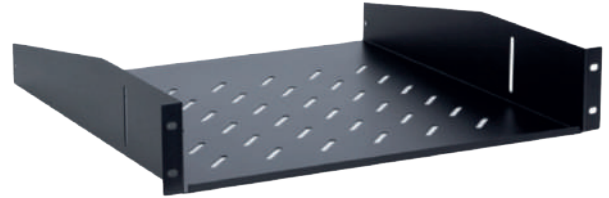
TYPE OF SOCKETS





Fixed Shelf M1

Model	RS-SM1-6	RS-SM1-8	RS-SM1-10
Depth	600mm	800mm	1000mm
Width	19", 21", 23"		
Material	SPCC Cold Rolled Steel		
Thickness	1.2mm		
Capacity	60kg		



Fixed Shelf 2U M2

Model	RS-SM2-6	RS-SM2-8	RS-SM2-10
Depth	600mm	800mm	1000mm
Width	19", 21", 23"		
Material	SPCC Cold Rolled Steel		
Thickness	1.5mm		
Capacity	25kg		



Sliding Shelf M3

Model	RS-SM3-6	RS-SM3-8	RS-SM3-10
Depth	600mm	800mm	1000mm
Width	19", 21", 23"		
Material	SPCC Cold Rolled Steel		
Thickness	1.2mm		
Capacity	50kg		



Fixed Shelf M4

Model	RS-SM4-6	RS-SM4-8	RS-SM4-10
Depth	600mm	800mm	1000mm
Width	19", 21", 23"		
Material	SPCC Cold Rolled Steel		
Thickness	1.5mm		
Capacity	100kg		

COOLING



Top tray 2 - 4 fans

Model	RS-TFT-02	RS-TFT-04
Nr. of fans	2	4
Size	457(L) x 420(W) x 39(H)	
Material	SPCC Cold Rolled Steel	
Air Flow Rate	97-117CFM	
Fan RPM	2850-3150RPM±10%	



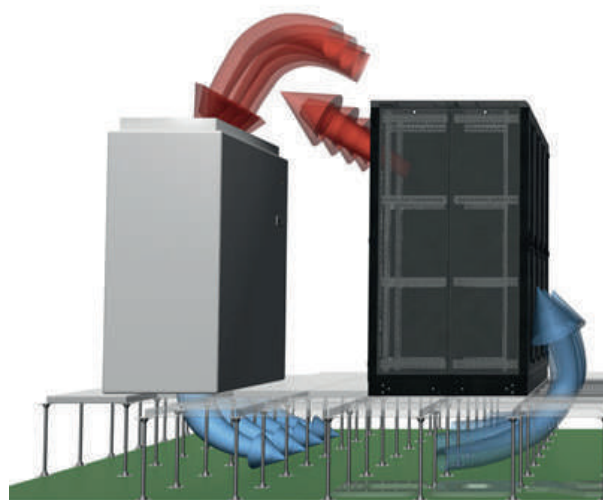
Fan tray unit

Model	RS-BLANKPIU
Size	120(L) x 120(W) x 38(H)
Material	Die-cast aluminium painted
Air Flow Rate	75-95CFM
Fan RPM	2600RPM

CRAC air conditioner system



Model	RS-CRACMI
Air flow rate	4500-11500(m3/h)
Total cooling capacity	25.2KW-59.3KW (DB24°C/RH50%)
Heater	6KW--30 kW . PTC heating
Humidifier	3 kg/h--15 kg/h. Electrode steam Humidifier
Standard electric parameters	380V/3Ph/50Hz
Air Filter	Plate filter (G4)
Standards	CCC/ISO9001/ISO14001/ROHS



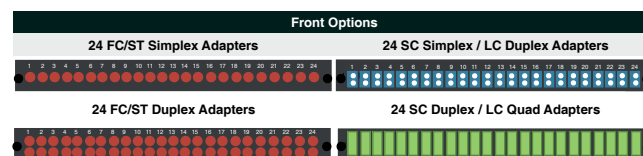
ODF



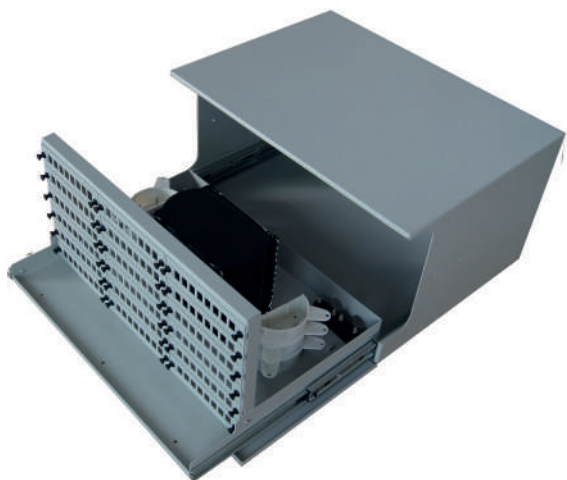
Sliding ODF 1U



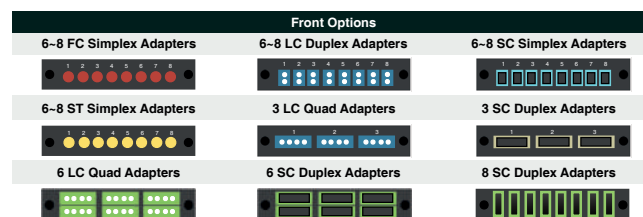
Model	RS1
Depth	205mm
Height	1U
Width	19", 21", 23"
Material	SPCC Cold Rolled Steel
Thickness	1.2mm
Capacity	144 fibers using LC Quad Adapters



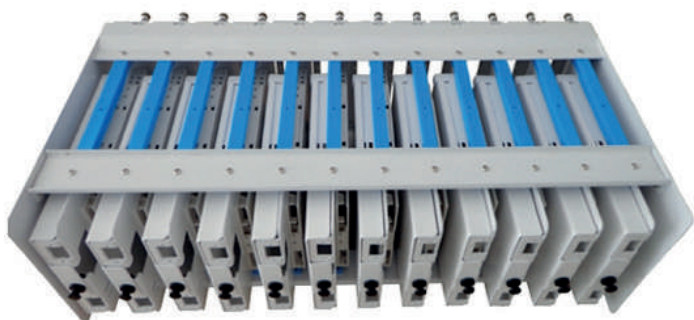
Sliding ODF 5U



Model	RS3
Depth	232mm
Height	5U
Width	19", 21", 23"
Material	SPCC Cold Rolled Steel
Thickness	1.2mm
Capacity	576 fibers using LC DX Adapters



Fixed ODF 3U



Model	RS5
Depth	225mm
Height	3U
Material	SPCC Cold Rolled Steel
Thickness	1.2mm
Capacity	288 fibers using LC DX Adapters



ODF



Sliding ODF 1U with rails



Model	RS6
Depth	225mm
Height	1U
Width	19", 21", 23"
Material	SPCC Cold Rolled Steel
Thickness	1.2mm
Capacity	72 fibers zusing LC Quad Adapters

Front Options		
6-8 FC Simplex Adapters 	6-8 LC Duplex Adapters 	6-8 SC Simplex Adapters
6-8 ST Simplex Adapters 	3 LC Quad Adapters 	3 SC Duplex Adapters
6 LC Quad Adapters 	6 SC Duplex Adapters 	8 SC Duplex Adapters

Sliding ODF 2U with rails



Model	RS7
Depth	350mm
Height	2U
Width	19", 21", 23"
Material	SPCC Cold Rolled Steel
Thickness	1.5mm
Capacity	144 fibers zusing LC Quad Adapters

Front Options		
6-8 FC Simplex Adapters 	6-8 LC Duplex Adapters 	6-8 SC Simplex Adapters
6-8 ST Simplex Adapters 	3 LC Quad Adapters 	3 SC Duplex Adapters
6 LC Quad Adapters 	6 SC Duplex Adapters 	8 SC Duplex Adapters

Sliding ODF 3U with rails



Model	RS8
Depth	350mm
Height	3U
Width	19", 21", 23"
Material	SPCC Cold Rolled Steel
Thickness	1.5mm
Capacity	288 fibers using LC Quad Adapters

Front Options		
6-8 FC Simplex Adapters 	6-8 LC Duplex Adapters 	6-8 SC Simplex Adapters
6-8 ST Simplex Adapters 	3 LC Quad Adapters 	3 SC Duplex Adapters
6 LC Quad Adapters 	6 SC Duplex Adapters 	8 SC Duplex Adapters

ODF



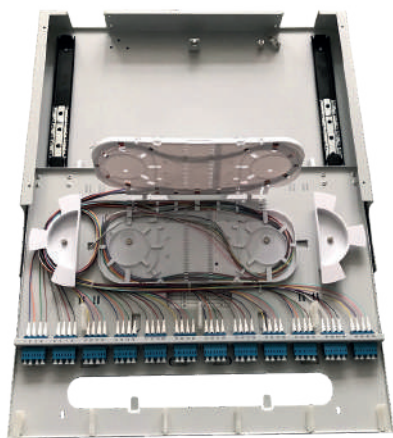
Sliding ODF with acrylic front door & rails



Model	RS9
Depth	335mm
Height	1U
Width	19", 21", 23"
Material	SPCC Cold Rolled Steel
Thickness	1.5mm
Capacity	72 fibers using LC Quad Adapters

Front Options		
6-8 FC Simplex Adapters	6-8 LC Duplex Adapters	6-8 SC Simplex Adapters
6-8 ST Simplex Adapters	3 LC Quad Adapters	3 SC Duplex Adapters
6 LC Quad Adapters	6 SC Duplex Adapters	8 SC Duplex Adapters

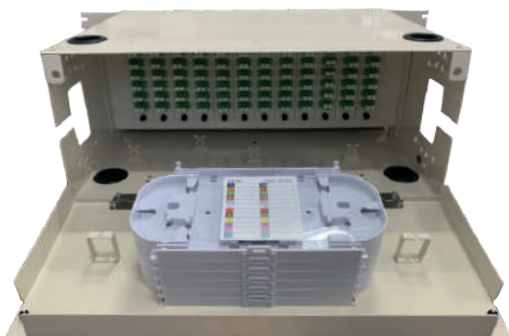
Sliding ODF 1U with rails



Model	RS11
Depth	350mm
Height	2U
Width	19", 21", 23"
Material	SPCC Cold Rolled Steel
Thickness	1.5mm
Capacity	48 fibers using LC Quad Adapters



Sliding ODF M3



Model	RS17
Depth	315mm
Height	4U
Width	19", 21", 23"
Material	SPCC Cold Rolled Steel
Thickness	1.5mm
Capacity	144 fibers using LC DX Adapters

Front Options		
6-8 FC Simplex Adapters	6-8 LC Duplex Adapters	6-8 SC Simplex Adapters
6-8 ST Simplex Adapters	3 LC Quad Adapters	3 SC Duplex Adapters
6 LC Quad Adapters	6 SC Duplex Adapters	8 SC Duplex Adapters

ODF & CONNECTIVITY



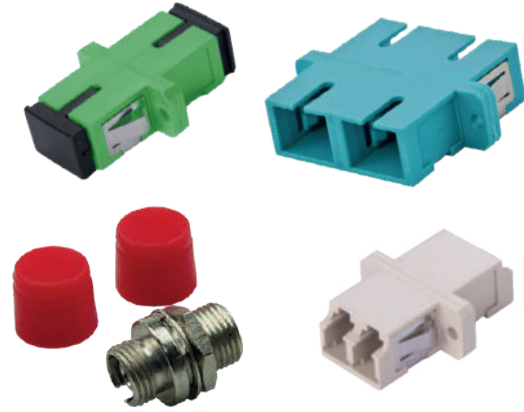
Sliding DDF MPO/MTP

Model	RS12
Depth	350mm
Height	1U
Width	19", 21", 23"
Material	SPCC Cold Rolled Steel
Thickness	1.5mm
Capacity	48 fibers using LC Quad Adapters



Sliding DDF MPO/MTP Cassette

Capacity 12 fibers using LC Quad Adapters



Adapters for ODF, DDF & any optical patch panel

Type of connector	FC, E2000, MU, LC, SC, ST		
Type of fiber	Single-mode	Multi-mode	
Type of polishing	UPC	APC	UPC
Color	Blue, Green	Grey, Aqua, Violet	
Alignment Sleeve material	Zirconia / Phosphor Bronze		
Insertion loss	0.1dB / 0.15dB		
Durability	500 connections (IEC 61300-2-2)		
Fibers quantity	Simplex, Duplex, Quad		
Standards	GR-326-CORE, TIA/EIA, IEC 60332-3, IEC 61300-2-2, IEC 61300-2-1, IEC 61300-2-12, IEC 61300-2-4 & IEC 61300-2-5, REACH, RoHS & SvHC		



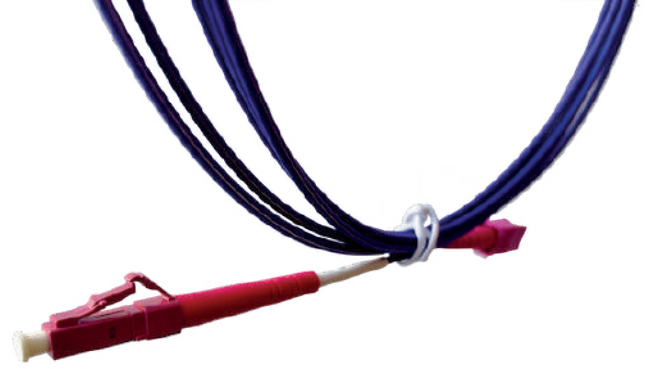
Attenuators

Type of connector	FC, E2000, MTP, MPO, LC, SC, ST	
Type of attenuator	Fixed	Variable
Type of polishing	UPC/APC	UPC/APC
Attenuation	0dB ~ 25dB	



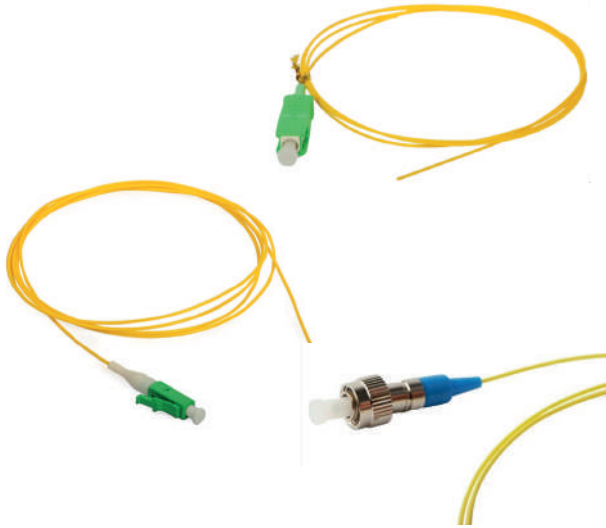
Single-mode optical patch cords

Type of connector	FC, E2000, MU, LC, SC, ST	
Ferule material	Zirconia	
Type of polishing	UPC	APC
Insertion loss	≤ 0.2dB	
Return loss	≥ 55dB	≥ 60dB
Type of Fiber	G.652D, G.655, G.657A1, A2, B3	
Diameter	1.2mm, 1.7mm, 2mm, 3mm	
Fibers quantity	Simplex, Duplex	
Color	Yellow, White, Blue, Green	
Durability	1000 connections	
Standards	GR-326-CORE, TIA/EIA, IEC 60332-3, IEC 61300-2-2, IEC 61300-2-1, IEC 61300-2-12, IEC 61300-2-4 & IEC 61300-2-5, REACH, RoHS & SvHC	



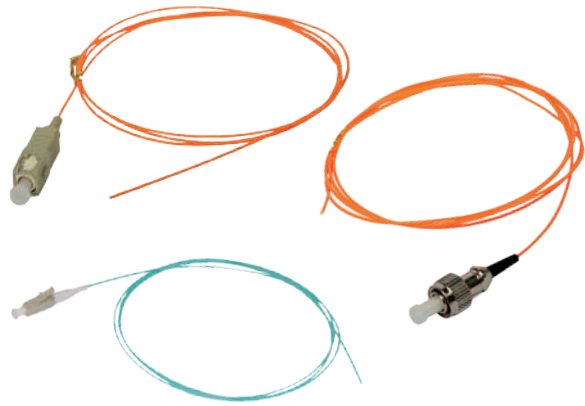
Multi-mode optical patch cords

Type of connector	FC, E2000, MU, LC, SC, ST	
Ferule material	Zirconia	
Type of polishing	UPC	
Insertion loss	≤ 0.2dB	
Return loss	≥ 35dB	
Type of Fiber	OM1, OM2, OM3, OM4, OM5	
Diameter	1.2mm, 1.7mm, 2mm, 3mm	
Fibers quantity	Simplex, Duplex	
Color	Orange, Aqua, Violet	
Durability	1000 connections	
Standards	GR-326-CORE, TIA/EIA, IEC 60332-3, IEC 61300-2-2, IEC 61300-2-1, IEC 61300-2-12, IEC 61300-2-4 & IEC 61300-2-5, REACH, RoHS & SvHC	



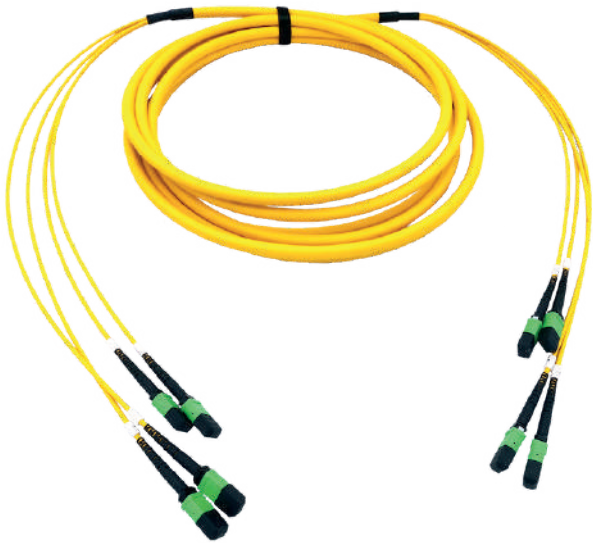
Single-mode optical pigtails

Type of connector	FC, E2000, MU, LC, SC, ST	
Ferule material	Zirconia	
Type of polishing	UPC	APC
Insertion loss	≤ 0.2dB	
Return loss	≥ 55dB	≥ 60dB
Type of Fiber	G.652D, G.655, G.657A1, A2, B3	
Diameter	250um, 900um, 2mm, 3mm	
Color	Yellow, White, 12 Colors	
Durability	1000 connections	
Standards	GR-326-CORE, TIA/EIA, IEC 60332-3, IEC 61300-2-2, IEC 61300-2-1, IEC 61300-2-12, IEC 61300-2-4 & IEC 61300-2-5, REACH, RoHS & SvHC	



Multi-mode optical pigtails

Type of connector	FC, E2000, MU, LC, SC, ST	
Ferule material	Zirconia	
Type of polishing	UPC	
Insertion loss	≤ 0.2dB	
Return loss	≥ 35dB	
Type of Fiber	OM1, OM2, OM3, OM4, OM5	
Diameter	250um, 900um, 2mm, 3mm	
Durability	1000 connections	
Standards	GR-326-CORE, TIA/EIA, IEC 60332-3, IEC 61300-2-2, IEC 61300-2-1, IEC 61300-2-12, IEC 61300-2-4 & IEC 61300-2-5, REACH, RoHS & SvHC	



MPO/MTP trunk cable

Type of connector	MPO, MTP
Fibers quantity	12, 24, 48, 72, 96, 144
Type of polishing	UPC, APC
Insertion loss	≤0.35dB, ≤0.75dB
Type of Fiber	G.652D, G.655, G.657, OM3, OM4
Tail cable diameter	2mm, 3mm
Trunk cable diameter	6mm ~ 9mm
Jacket color	Yellow, Aqua, Violet
Connection type	A, B & C
Standards	GR-326-CORE, TIA/EIA, IEC 60332-3, IEC 61300-2-2, IEC 61300-2-1, IEC 61300-2-12, FOCIS (aka TIA-604-5), IEC-61754-7, TIA-568-C, CENELEC EN50377-15-1, IEC 61300-2-4 & IEC 61300-2-5, REACH, RoHS & SvHC



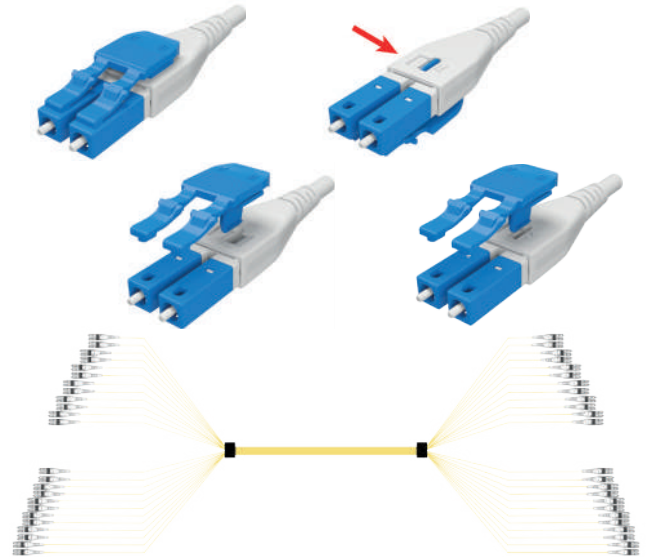
MPO/MTP trunk cable to standard connectors

Type of connector	MPO, MTP ~ FC, LC, SC, ST, E2000
Fibers quantity	12, 24, 48, 72, 96, 144
Type of polishing	UPC, APC
Insertion loss	≤0.2dB, ≤0.35dB, ≤0.75dB
Type of Fiber	G.652D, G.655, G.657, OM3, OM4
Tail cable diameter	2mm, 3mm
Trunk cable diameter	6mm ~ 9mm
Jacket color	Yellow, Aqua, Violet
Standards	GR-326-CORE, TIA/EIA, IEC 60332-3, IEC 61300-2-2, IEC 61300-2-1, IEC 61300-2-12, FOCIS (aka TIA-604-5), IEC-61754-7, TIA-568-C, CENELEC EN50377-15-1, IEC 61300-2-4 & IEC 61300-2-5, REACH, RoHS & SvHC



Multi-fiber cable

Type of connector	FC, LC, SC, ST, E2000
Fibers quantity	12, 24, 48, 72, 96, 144
Type of polishing	UPC, APC
Insertion loss	≤0.2dB
Type of Fiber	G.652D, G.655, G.657, OM3, OM4
Tail cable diameter	900um, 2mm, 3mm
Multi-fiber cable diameter	6mm ~ 9mm
Jacket color	Yellow, Aqua, Violet
Standards	GR-326-CORE, TIA/EIA, IEC 60332-3, IEC 61300-2-2, IEC 61300-2-1, IEC 61300-2-12, FOCIS (aka TIA-604-5), IEC-61754-7, TIA-568-C, CENELEC EN50377-15-1, IEC 61300-2-4 & IEC 61300-2-5, REACH, RoHS & SvHC



Multi-fiber cable with uni-boot polarity connectors

Type of connector	LC Duplex
Fibers quantity	12, 24, 48, 72, 96, 144
Type of polishing	UPC, APC
Insertion loss	≤0.2dB
Type of Fiber	G.652D, G.655, G.657, OM3, OM4
Tail cable diameter	900um, 2mm, 3mm
Trunk cable diameter	6mm ~ 9mm
Jacket color	Yellow, Aqua, Violet
Standards	GR-326-CORE, TIA/EIA, IEC 60332-3, IEC 61300-2-2, IEC 61300-2-1, IEC 61300-2-12, FOCIS (aka TIA-604-5), IEC-61754-7, TIA-568-C, CENELEC EN50377-15-1, IEC 61300-2-4 & IEC 61300-2-5, REACH, RoHS & SvHC

SFP TRANSCEIVER



SFP transceiver 155Mbps DDM

Type of connector	LC, SC
Fibers quantity	Simplex, Duplex
Type of Fiber	Single-mode, Multi-mode
Distance range	300m, 10km, 20km, 40km, 80km, 120km
Wavelength (nm)	850(Tx)/1550(Rx) - 1550(Tx)/850(Rx) 1310(Tx)/1550(Rx) - 1550(Tx)/1310(Rx) 1310(Tx)/1650(Rx) - 1650(Tx)/1310(Rx)
Compatibility (100%)	Cisco, Dell, Huawei, Juniper, Ruckus, and more world known brands



SFP transceiver 1.25Gbps DDM

Type of connector	LC, SC
Fibers quantity	Simplex, Duplex
Type of Fiber	Single-mode, Multi-mode
Distance range	300m, 10km, 20km, 40km, 80km, 120km
Wavelength (nm)	850(Tx)/1550(Rx) - 1550(Tx)/850(Rx) 1310(Tx)/1550(Rx) - 1550(Tx)/1310(Rx) 1310(Tx)/1650(Rx) - 1650(Tx)/1310(Rx)
Compatibility (100%)	Cisco, Dell, Huawei, Juniper, Ruckus, and more world known brands



SFP+ transceiver 10Gbps DDM

Type of connector	LC, SC
Fibers quantity	Simplex, Duplex
Type of Fiber	Single-mode, Multi-mode
Distance range	300m, 10km, 20km, 40km, 80km, 120km
Wavelength (nm)	850(Tx)/1550(Rx) - 1550(Tx)/850(Rx) 1310(Tx)/1550(Rx) - 1550(Tx)/1310(Rx) 1310(Tx)/1650(Rx) - 1650(Tx)/1310(Rx)
Compatibility (100%)	Cisco, Dell, Huawei, Juniper, Ruckus, and more world known brands

SFP TRANSCEIVER



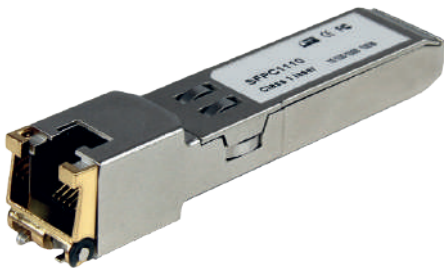
XFP transceiver 10Gbps DDM

Type of connector	LC, SC
Fibers quantity	Simplex, Duplex
Type of Fiber	Single-mode, Multi-mode
Distance range	300m, 10km, 20km, 40km, 80km, 120km
Wavelength (nm)	850(Tx)/1550(Rx) - 1550(Tx)/850(Rx) 1310(Tx)/1550(Rx) - 1550(Tx)/1310(Rx) 1310(Tx)/1650(Rx) - 1650(Tx)/1310(Rx)
Compatibility (100%)	Cisco, Dell, Huawei, Juniper, Ruckus, HP, and more world known brands



QSFP & QSFP+ transceiver 40Gbps DDM

Type of connector	MPO, MTP
Type of Fiber	Single-mode, Multi-mode
Distance range	100m (OM3), 150m (OM4), 10km, 20km, 40km, 80km, 120km
Wavelength (nm)	850(Tx)/1550(Rx) - 1550(Tx)/850(Rx) 1310(Tx)/1550(Rx) - 1550(Tx)/1310(Rx) 1310(Tx)/1650(Rx) - 1650(Tx)/1310(Rx)
Compatibility (100%)	Cisco, Dell, Huawei, Juniper, Ruckus, HP, and more world known brands



Copper transceiver 1Gbps - 10Gbps

Data velocity	1Gb, 2.5Gb, 5Gb, 10Gb
Port	RJ45
Distance range	Up to 100m
Compatibility (100%)	Cisco, Dell, Huawei, Juniper, Ruckus, HP, and more world known brands

MEDIA CONVERTERS



10/100 Media converters

Type of connector	LC, SC
Fibers quantity	Simplex / Duplex
Wavelength (nm)	850(Tx)/1550(Rx) - 1550(Tx)/850(Rx) 1310(Tx)/1550(Rx) - 1550(Tx)/1310(Rx)
Type of Fiber	Single-mode, Multi-mode
Distance range	300m, 10km, 20km, 40km, 80km, 120km



10/100/1000 Media converters

Type of connector	LC, SC
Fibers quantity	Simplex / Duplex
Wavelength (nm)	850(Tx)/1550(Rx) - 1550(Tx)/850(Rx) 1310(Tx)/1550(Rx) - 1550(Tx)/1310(Rx)
Type of Fiber	Single-mode, Multi-mode
Distance range	300m, 10km, 20km, 40km, 80km, 120km



Media converters chassis

Type of connector	LC, SC
Capacity	14 media converters
Height	2U
Width	19"
Cooling system	2 cooling fans mounted at the rear



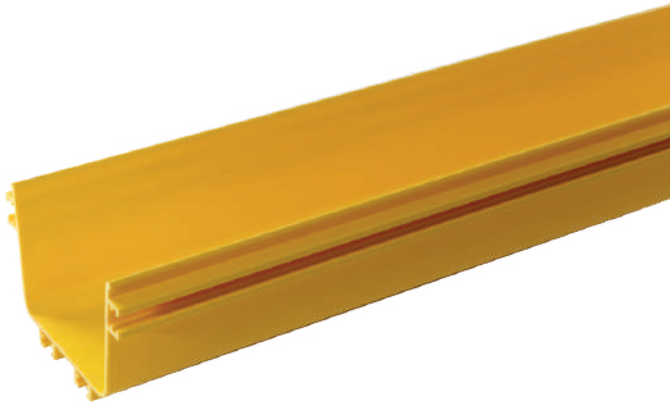
10-ports managed gigabyte ethernet switch

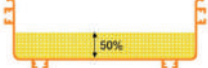

Interface	Fiber Ports: 1000Mbps RJ45 Port 10/100/1000Mbps, Full/Half duplex MDI/MDI-X LED Indicator: PWR, Link/ACT, SPD
Physical Characteristics	Housing: Mental IP30 Protection Dimensions: 230*145*44mm Weight: 1220g Installation: Desk / Wall mounting
Standards & Certifications	EMI: FCC Part 15/CISPR22 (EN55022): Class A EMS: IEC61000-4-2 (ESD) 4, IEC 61000-4-3 (RS) 3, IEC 61000-4-4 (EFT) 4, IEC 61000-4-5 (Surge) 4, IEC 61000-4-6 (CS) 3 Vibration: IEC 60068-2-6 Shock: IEC 60068-2-27 Freefall: IEC 60068-2-32

OPTICAL TRAYS

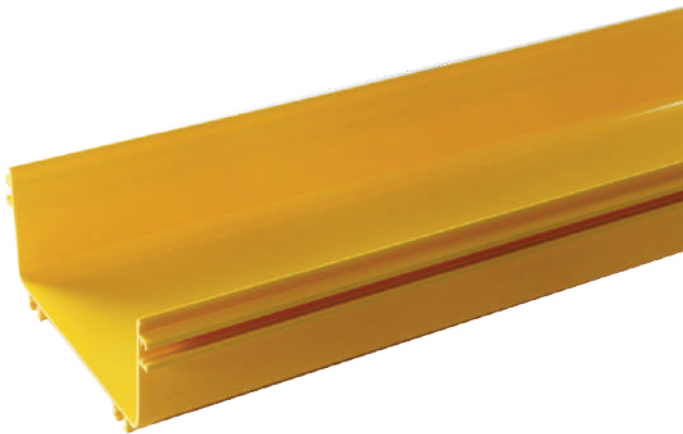




Optical tray 120mm / 240mm



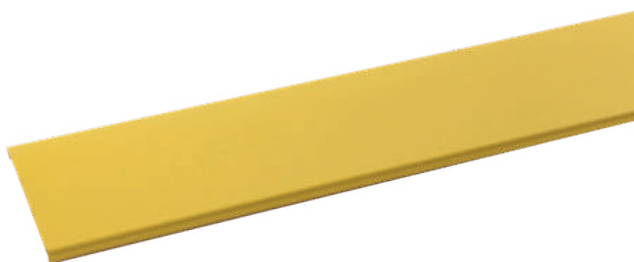
Model	RSOPT120MM	RSOPT240MM
Height	100mm	100mm
Width	120mm	240mm
Length	2000mm, 3000mm	
Material	PVC	
	 2mm= 955 3mm= 424	 2mm= 1910 3mm= 849
	 2mm= 1433 3mm= 636	 2mm= 2866 3mm= 1273
	 2mm= 1910 3mm= 848	 2mm= 3821 3mm= 1698

Optical tray 300mm / 360mm



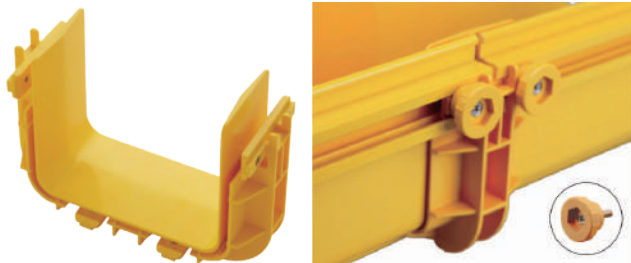
Model	RSOPT300MM	RSOPT360MM
Height	100mm	100mm
Width	300mm	360mm
Length	2000mm, 3000mm	
Material	PVC	
	 2mm= 2370 3mm= 1055	 2mm= 2940 3mm= 1308
	 2mm= 3556 3mm= 1578	 2mm= 4409 3mm= 1957
	 2mm= 5136 3mm= 2106	 2mm= 6369 3mm= 2611

Optical tray cover 120mm / 240mm / 300mm / 360mm



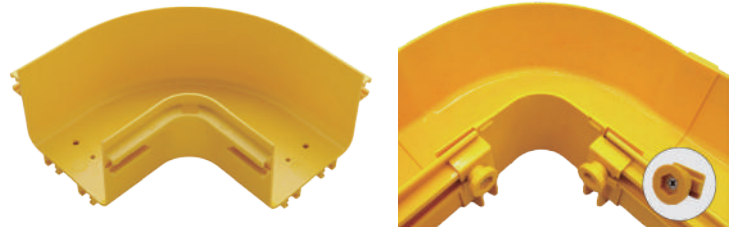
Model	RSOPTCO120	RSOPTCO240
Width	120mm	240mm
Model	RSOPTCO300	RSOPTCO360
Width	300mm	360mm
Length	2000mm	
Material	PVC	

OPTICAL TRAYS



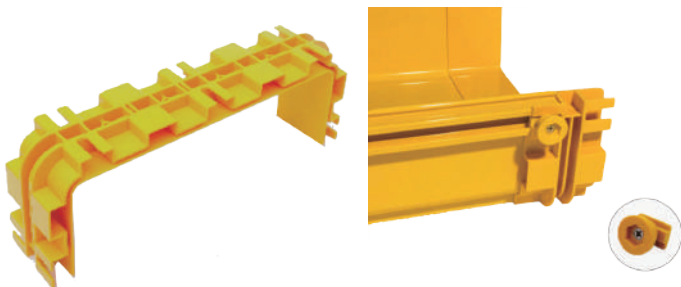
Optical tray connector 120mm / 240mm

Model	RSOPTCNN-120	RSOPTCNN-240
Width	120mm	240mm
Material	ABS	



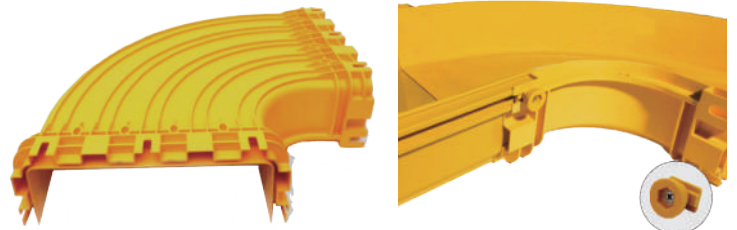
Optical tray horizontal 90° bend 120mm / 240mm

Model	RSOPHT90B-120	RSOPHT90B-240
Width	120mm	240mm
Material	ABS	



Optical tray connector 300mm / 360mm

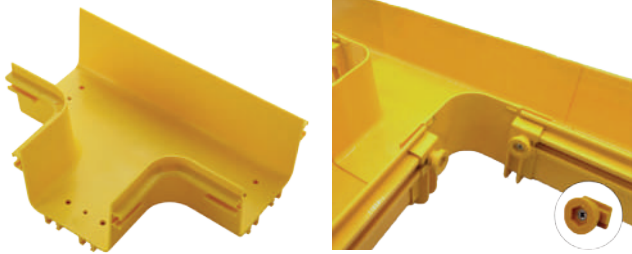
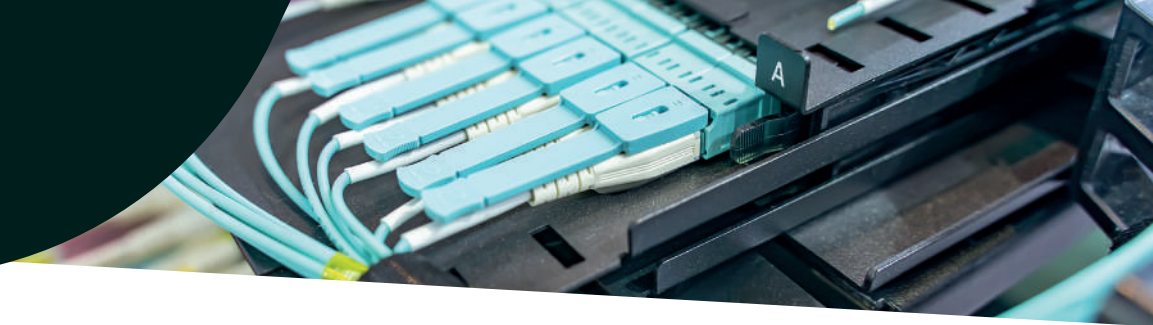
Model	RSOPTCNN-300	RSOPTCNN-360
Width	300mm	360mm
Material	ABS	



Optical tray horizontal 90° bend 300mm / 360mm

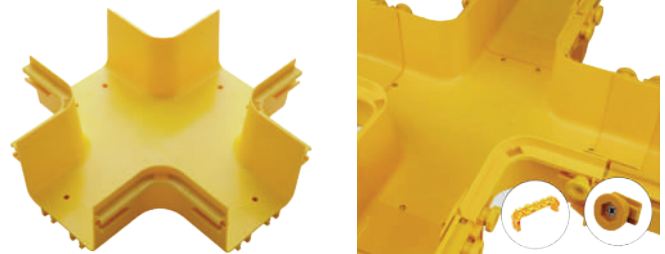
Model	RSOPHT90B-300	RSOPHT90B-360
Width	300mm	360mm
Material	ABS	

OPTICAL TRAYS



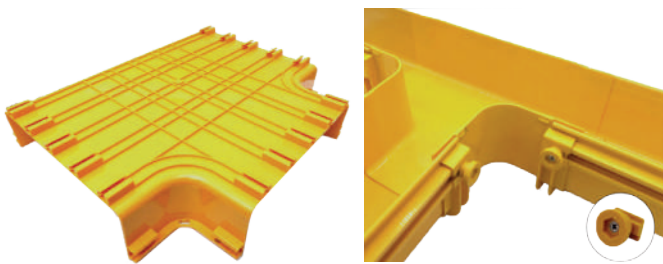
Optical tray horizontal T 120mm / 240mm

Model	RSOPHTEE-120	RSOPHTEE-240
Width	120mm	240mm
Material	ABS	



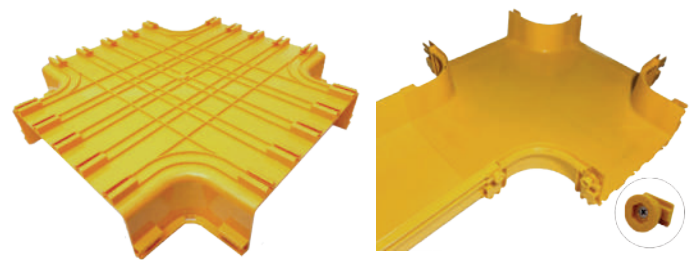
Optical tray horizontal cross connecting 120mm / 240mm

Model	RSOPHCSS-120	RSOPHCSS-240
Width	120mm	240mm
Material	ABS	



Optical tray horizontal T 300mm / 360mm

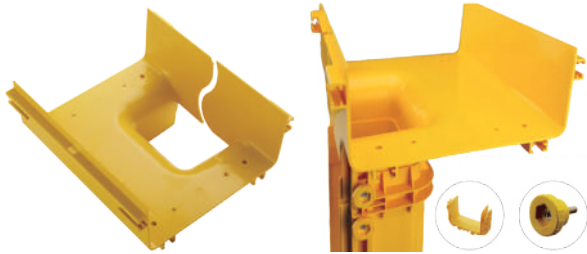
Model	RSOPHTEE-300	RSOPHTEE-360
Width	300mm	360mm
Material	ABS	



Optical tray horizontal cross connecting 300mm / 360mm

Model	RSOPHCSS-300	RSOPHCSS-360
Width	300mm	360mm
Material	ABS	

OPTICAL TRAYS



Optical tray vertical T 120mm / 240mm

Model	RSOPTH90B-120	RSOPTH90B-240
Width	120mm	240mm
Material	ABS	



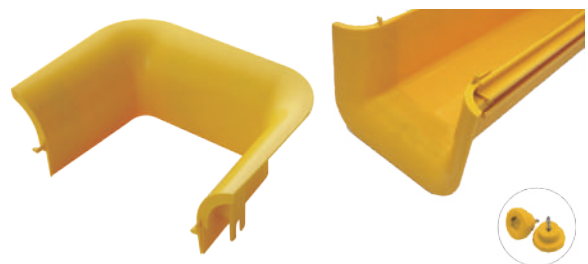
Optical tray reducer 240mm to 120mm

Model	RSOPTRUD1
Width	240mm to 120mm
Material	ABS



Optical tray reducer 300mm to 240mm

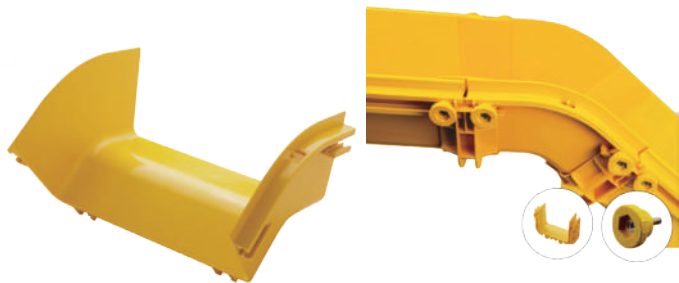
Model	RSOPTRUD2
Width	300mm to 240mm
Material	ABS



Optical tray trumpet spill out 120mm / 240mm

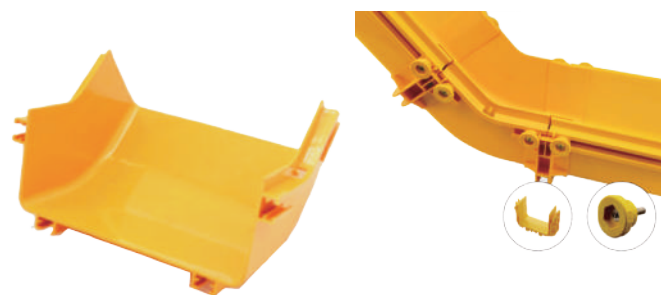
Model	RSOPTTSOUT120	RSOPTTSOUT240
Width	120mm	240mm
Material	ABS	

OPTICAL TRAYS



Optical tray external riser 45° 120mm / 240mm / 300mm / 360mm

Model	RSOPTER45-120	RSOPTER45-240
Width	120mm	240mm
Model	RSOPTER45-300	RSOPTER45-360
Width	300mm	360mm
Material	ABS	



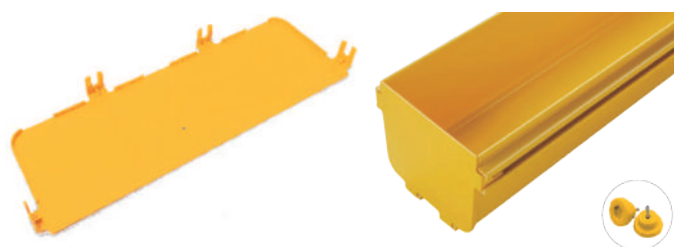
Optical tray internal riser 45° 120mm / 240mm / 300mm / 360mm

Model	RSOPTIR45-120	RSOPTIR45-240
Width	120mm	240mm
Model	RSOPTIR45-300	RSOPTIR45-360
Width	300mm	360mm
Material	ABS	



Optical tray end cap 120mm / 240mm

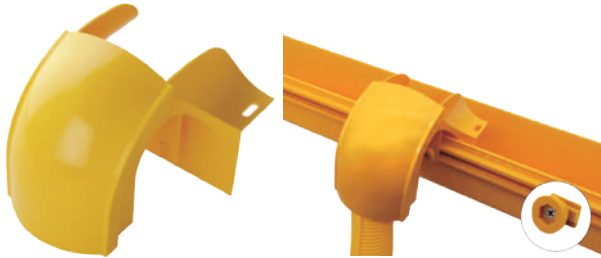
Model	RSOPTECAP-120	RSOPTECAP-240
Width	120mm	240mm
Material	ABS	



Optical tray trumpet spill out 120mm / 240mm

Model	RSOPTECAP-120	RSOPTTSOUT240
Width	120mm	240mm
Material	ABS	

OPTICAL TRAYS

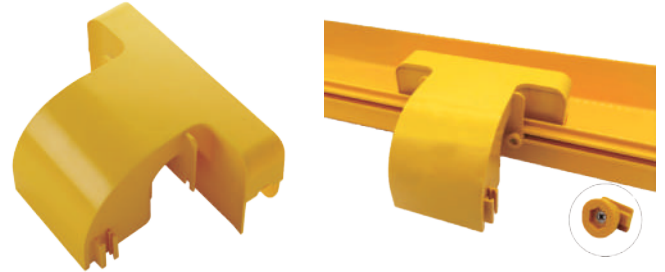


Optical tray movable cable exit (55mm) with tube (800mm)

Model RSOPTMCEWT55

Width 55mm

Material ABS

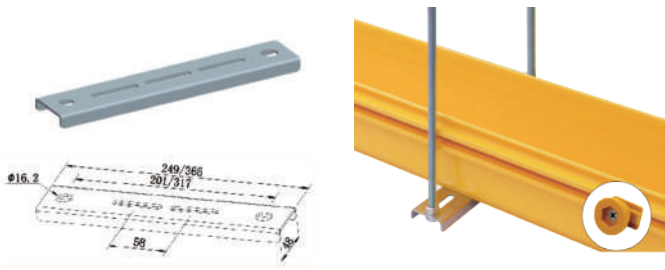


Optical tray big movable cable exit 120mm

Model RSOPTBCEI20

Width 120mm

Material ABS



Optical tray hanging bar 120mm / 240mm / 300mm / 360mm

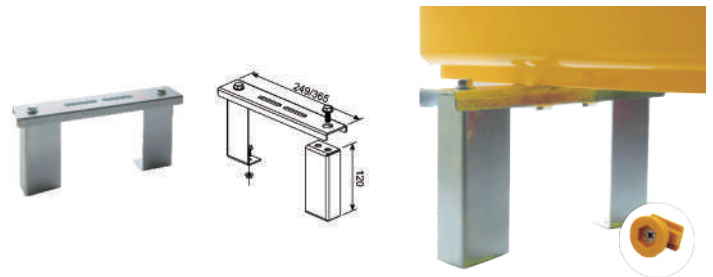
Model RSOPBAR-120 RSOPBAR-240

Width 120mm 240mm

Model RSOPBAR-300 RSOPBAR-360

Width 300mm 360mm

Material ABS



Optical tray cabinet top 120mm / 240mm / 300mm / 360mm

Model RSOPCTS1-120 RSOPCTS1-240

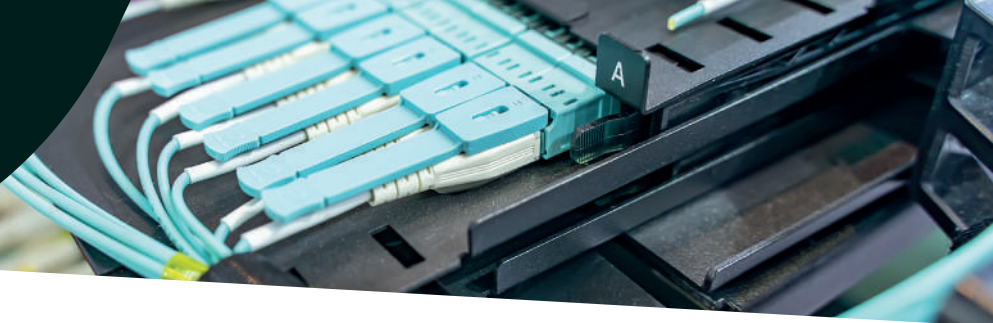
Width 120mm 240mm

Model RSOPCTS1-300 RSOPCTS1-360

Width 300mm 360mm

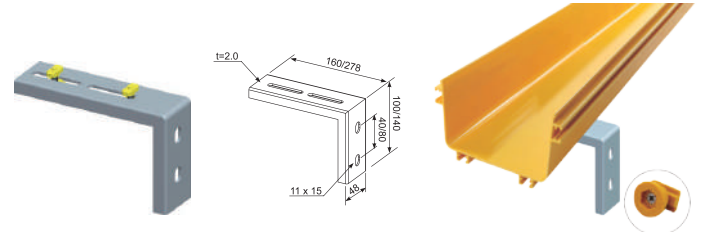
Material ABS

OPTICAL TRAYS



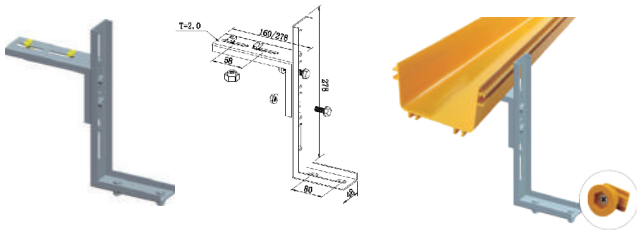
Optical tray hanging set 120mm / 240mm / 300mm / 360mm

Model	RSOPHSET-120	RSOPHSET-240
Width	120mm	240mm
Model	RSOPHSET-300	RSOPHSET-360
Width	300mm	360mm
Material	ABS	



Optical tray L support model 1 120mm / 240mm / 300mm / 360mm

Model	RSOPSUPL1-120	RSOPSUPL1-240
Width	120mm	240mm
Model	RSOPSUPL1-300	RSOPSUPL1-360
Width	300mm	360mm
Material	ABS	



Optical tray L support model 2 120mm / 240mm / 300mm / 360mm

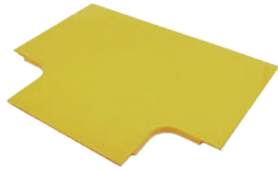
Model	RSOPSUPL2-120	RSOPSUPL2-240
Width	120mm	240mm
Model	RSOPSUPL2-300	RSOPSUPL2-360
Width	300mm	360mm
Material	ABS	



Optical tray horizontal 90° bend cover 120mm / 240mm / 300mm / 360mm

Model	RSOPH90BC-120	RSOPH90BC-240
Width	120mm	240mm
Model	RSOPH90BC-300	RSOPH90BC-360
Width	300mm	360mm
Material	ABS	

OPTICAL TRAYS



Optical tray horizontal T cover 120mm / 240mm / 300mm / 360mm

Model	RSOPHTTEEC-120	RSOPHTTEEC-240
Width	120mm	240mm
Model	RSOPHTTEEC-300	RSOPHTTEEC-360
Width	300mm	360mm
Material	ABS	



Optical tray internal riser 45° cover 120mm / 240mm / 300mm / 360mm

Model	RSOPTIR45C-120	RSOPTIR45C-240
Width	120mm	240mm
Model	RSOPTIR45C-300	RSOPTIR45C-360
Width	300mm	360mm
Material	ABS	



Optical tray reducer cover 120mm / 240mm / 300mm / 360mm

Model	RSOPTRUDIC-120	RSOPTRUDIC-240
Width	120mm	240mm
Model	RSOPTRUDIC-300	RSOPTRUDIC-360
Width	300mm	360mm
Material	ABS	



Optical tray horizontal cross connecting cover 120mm / 240mm / 300mm / 360mm

Model	RSOPHCSSC-120	RSOPHCSSC-240
Width	120mm	240mm
Model	RSOPHCSSC-300	RSOPHCSSC-360
Width	300mm	360mm
Material	ABS	



Optical tray external riser 45° cover 120mm / 240mm / 300mm / 360mm

Model	RSOPTER45C-120	RSOPTER45C-240
Width	120mm	240mm
Model	RSOPTER45C-300	RSOPTER45C-360
Width	300mm	360mm
Material	ABS	

STRUCTURED CABLING



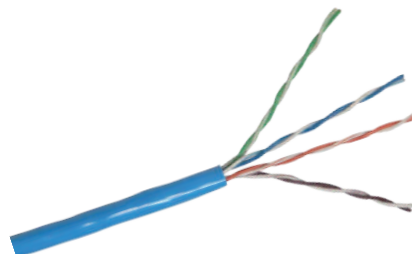
Structured cabling bare copper 4 pairs patch cord Category 5E

Model	RS-PC5E
AWG	24
Structure	UTP, F/UTP, F/FTP, S/UTP, S/FTP
Cable type	Stranded
Length	1m ~ 120m
Jacket	PVC, LSZH, RISER
Color	Yellow, Blue, White, Gray, Red, Green, Violet, Orange



Structured cabling keystone jack Category 5E

Model	RS-K5E
AWG	22 ~ 24
Material	PC, Metal
Structure	UTP, FTP
Punching	Auto punching, Manual punching
Angle	90°, 180°
Color	Yellow, Blue, White, Gray, Red, Green, Violet, Orange



Structured cabling bare copper 4 pairs cable Category 5E

Model	RS-LC5E
AWG	24
Conductor Diameter	0.48mm ± 0.005mm 0.50mm ± 0.005mm
Structure	UTP, F/UTP, F/FTP, S/UTP, S/FTP
Cable type	Stranded, Solid
Length	305m, 500m, 1000m
Jacket	PVC, LSZH, RISER
Color	Yellow, Blue, White, Gray, Red, Green, Violet, Orange



Structured cabling patch panel Category 5E

Model	RS-PP5EIDC	RS-PP5EKSJ
Panel type	IDC	Keystone jacks
Keystone	UTP, FTP	
Material	SPCC Cold Rolled Steel	
Width	19"	

STRUCTURED CABLING



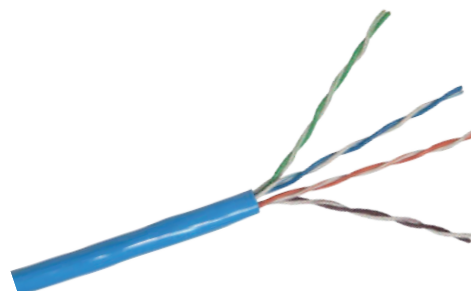
Structured cabling bare copper 4 pairs patch cord Category 6

Model	RS-PC6
AWG	24
Structure	UTP, F/UTP, F/FTP, S/UTP, S/FTP
Cable type	Stranded
Length	1m ~ 120m
Jacket	PVC, LSZH, RISER
Color	Yellow, Blue, White, Gray, Red, Green, Violet, Orange



Structured cabling keystone jack Category 6

Model	RS-K6
AWG	22 ~ 24
Material	PC, Metal
Structure	UTP, FTP
Punching	Auto punching, Manual punching
Angle	90°, 180°
Color	Yellow, Blue, White, Gray, Red, Green, Violet, Orange



Structured cabling bare copper 4 pairs cable Category 6

Model	RS-LC6
AWG	23
Conductor Diameter	0.55mm ± 0.005mm 0.57mm ± 0.005mm
Structure	UTP, F/UTP, F/FTP, S/UTP, S/FTP
Cable type	Stranded, Solid
Length	305m, 500m, 1000m
Jacket	PVC, LSZH, RISER
Color	Yellow, Blue, White, Gray, Red, Green, Violet, Orange



Structured cabling patch panel Category 6

Model	RS-PP6IDC	RS-PP6KSJ
Panel type	IDC	Keystone jacks
Keystone	UTP, FTP	
Material	SPCC Cold Rolled Steel	
Width	19"	

STRUCTURED CABLING



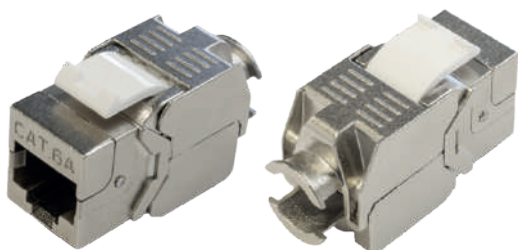
Structured cabling bare copper 4 pairs patch cord Category 6A

Model	RS-PC6A
AWG	24
Structure	UTP, F/UTP, F/FTP, S/UTP, S/FTP
Cable type	Stranded
Length	1m ~ 120m
Jacket	PVC, LSZH, RISER
Color	Yellow, Blue, White, Gray, Red, Green, Violet, Orange



Structured cabling bare copper 4 pairs cable Category 6

Model	RS-LC6A
AWG	23
Conductor Diameter	0.57mm ± 0.005mm
Structure	UTP, F/UTP, F/FTP, S/UTP, S/FTP
Cable type	Stranded, Solid
Length	305m, 500m, 1000m
Jacket	PVC, LSZH, RISER
Color	Yellow, Blue, White, Gray, Red, Green, Violet, Orange



Structured cabling keystone jack Category 6A

Model	RS-K6A
AWG	22 ~ 24
Material	PC, Metal
Structure	UTP, FTP
Punching	Auto punching, Manual punching
Angle	90°, 180°
Color	Yellow, Blue, White, Gray, Red, Green, Violet, Orange



Structured cabling patch panel Category 6A

Model	RS-PP6AIDC	RS-PP6AKSJ
Panel type	IDC	Keystone jacks
Keystone	UTP, FTP	
Material	SPCC Cold Rolled Steel	
Width	19"	

STRUCTURES CABLING TOOLS



Structured cabling kit M1



Model **RS-SCKITM1**

Size 26cm* 18cm* 5cm

- Materials
- Cross screwdriver
 - Flat screwdriver
 - Network tester
 - Crimping pliers
 - Wire stripping knife
 - Stripping pliers knife
 - Knife
 - Card knife
 - Crystal Connectors (10 pcs)

Structured cabling line locator kit



Model **RS-SCKITLC**

Tone frequency	130kHz
Max testing range	2000m
Trace cable connected to switch	anti-jamming
Compatible with connectors	RJ45, BNC, VFL , Mic USB
Low battery display	3.4 ± 0.2V
Storage	Data 6 sets
Battery type	3.7V 1000mAh Lithium battery (included)
Led illumination	2
Big LCD screen	58 x 40mm (128*64)
Compatible with	RJ45,BNC
Remote units	4 sets
Plug type	EU, US, UK

Description

STRUCTURES CABLING TOOLS



Fiber optic cleaning kit M1



Model

RS-1CKT

Parts

- 1x FBT Fiber Optic Cleaning Cube
- 120x wipes
- 1x 2.5mm One-Click Cleaner SC/FC/ST
- 1x 1.25mm One-Click Cleaner LC/MU
- 1x Aqua Fiber Optic Cleaner (60ml)
- 100x Lint-Free Cleaning Wipes
- 1x Canned Air - Filtered (120ml/4.2oz)
- 10x 99.7% IPA Cleaning Wipes (Pre-Moistened)
- 1x 250ml Twist-Lock Automatic Alcohol Dispensing Bottle
- 1x Portable Carrying bag (230 x 160 x 150mm)

Fiber optic cleaning kit M2



Model

RS-2CKT

Parts

- 1x Fiber Connector Cleaner RS-105
- 1x Reel of Replacement for RS-105 Cleaner
- 1x 200X Mini Fiber Microscope 200X (SC & LC)
- 1x 2.5mm SC/FC/ST Ergonomic One-click Cleaner
- 1x LC/MU Ergonomic One-click Cleaner
- 1x KimWipes 280 pcs/box
- 1x 250ml Bottle of Alcohol with locked
- 10x IPA Fiber Cleaning Wipes (Pre-Moistened)
- 1x Fiber Cleaning Wipes 7.5 x 7.5mm, 50/pkg
- 1x Pocket Visual Fault Locator VFL (Optional)
- 1x Carrying Tool Case (385 x 275 x 110mm)

Fiber optic tool kit M1



Model

RS-1TK

Parts

- 1x Fiber optic stripper
- 1x KEVLAR Scissor
- 1x Fiber Jacket Stripper
- 1x Rotary Cable Stripper
- 1x 45-163 Blue buffer tube stripper
- 1x Optical Fiber Precision Cleaver
- 1x Fiber Continuity Tester
- 1x Longitudinal Fiber Cable Slitter
- 1x Round Cable Slitter
- 1x 8" Steel Wire Rope Cutter
- 1x 6" Needle Node Pliers 135
- 1x 6" Side Cut Pliers 130mm
- 1x 4 Bits Screwdriver
- 1x FBT Fiber Optic Cleaning Cube, 100wipes
- 5x 99.7% IPA Cleaning Wipes (Pre-Moistened)
- 1x 100ml Alcohol Dispensing Bottle
- 100x 60mm Fusion Splice Protection Sleeves, 100 pieces/bag
- 1x 2M Tape Measure
- 1x Precision Steel tweezers
- 1x Fiber Optic Disposal Unit
- 1x Utility Knife
- 1x Black Marker
- 1x Deluxe Carrying Tool Case (370 x 265 x 138mm)

FIBER OPTIC KITS



Fiber optic tool kit M4



Model

RS-4TK

Materials

- 1x Carrying Bag of whole kits
- 1x Optical Power Meter
- 1x SC transfer connector for power meter
- 1x Protected Bag for Locator
- 1x 1mw Laser pointer Visual Fault Locator 5km
- 1x Fiber Cleaver FC-6S
- 1x Bag for cleaver
- 1x CFS-2 Fiber Optic Cable Stripper
- 1x FTTH Drop Cable Stripper
- 1x Alcohol bottle
- 1x Fixed length rail
- 3x Small Allen Wrench

Fiber optic OTDR



Model

RS-A1500S

Dimensions (mm) 253*168*73.6

Weight (kg) 1.5 (including battery)

Display 7 inches TFT-LCD with LED backlight (touch screen function is optional)

Interface 1*RJ45, 3*USB port (USB 2.0, Type A USB*2, Type B USB*1)

Power supply 10V(dc), 100V(ac) to 240V(ac), 50-60Hz

Battery 7.4V(dzc)/4.4Ah lithium battery (with air traffic certification)
Operating time: 12 hours, Telcordia GR-196-CORE
Charging time: <4 hours (power off)

Power saving Backlight off: Disable/1 to 99 minutes
Auto shutdown: Disable/1 to 99 minutes

Data storage Internal memory: 4GB (about 40,000 groups of curves)

Language User selectable (English, Simplified Chinese, traditional Chinese, French, Korean, Russian, Spanish and Portuguese-contact us for availability of others)

Fusion Splicer SM1995



Model

RS-SM1995

Alignment method Precise core alignment

Quantity of motors 6

Applicable fibres Any common optical fibers, rubber-insulated fibers and jumpers that meet requirements of ITU-TG.651-653, ITU-TG.655 and ITU-TG.657.

Average splice loss 0.02dB (SMF), 0.01dB (MMF), 0.04dB (DSF) & 0.04dB (NZ-DSF)

Splicing time (typical) 7s (Fast mode)

Heating time (typical) Less than 18s

Dimensions 120mm(W)× 130mm(H)× 154mm(D) (without rubber anti-vibration pad)

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