

Product information

OpDAT Pigtails

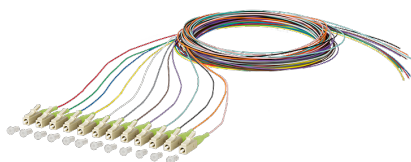


Page 1/3

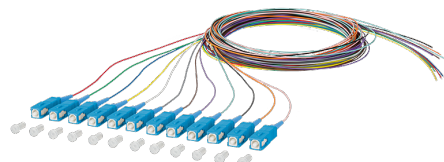
2017-11-24

Illustrations

LC



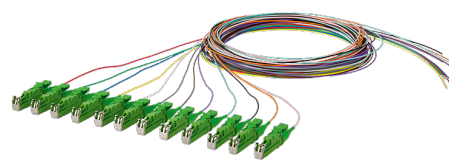
SC



ST



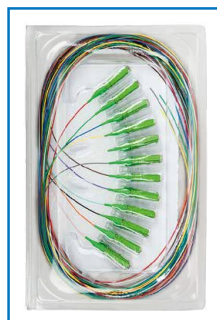
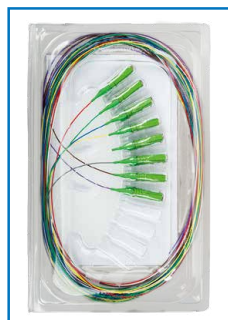
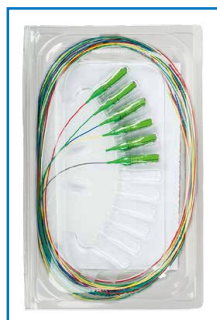
E2000



Product description

- Pigtails with connector types LC, SC, ST and E2000
- Available fiber types for multi mode (G50/125 μ m): OM2, OM3, OM4, OM5
Available fiber types for single mode (E9/125 μ m): OS2
All fibers are bend insensitive.
- Buffered fiber with a diameter of 0.9 mm, length 2 m. Primary and secondary coating in the same color. Available versions
 - semi-tight buffered fiber, largely used in Germany, can be stripped up to 1 m in one work step
 - tight buffered fiber, largely used in Europe and Asia, can be stripped up to 5 cm in one work step
- Available as individual pigtail or in sets of 4, 6, 8 or 12 pigtails
- Safe transport and safe storage by a specially designed blister packaging
- Single mode pigtails are tested by 100 % on insertion loss and return loss at 1310 and 1550 nm. An interferometer measurement is done in addition. Multi mode pigtails are tested by 100 % on insertion loss at 850 and 1300 nm. The measuring protocol is supplied with the pigtails. The measurement is followed by a final visual control of the connectors according to IEC 61300-3-35.
- All products are accompanied by an adhesive label with the serial number. This label can be stuck into the splice trays for example to assure traceability.

Blister packaging



Single packaging



P | Cabling

Product information

Page 2/3

OpDAT Pigtails

2017-11-24

Optical properties			SC	LC	ST	E2000
Insertion loss ¹⁾	MM	max.	0.4 dB	0.4 dB	0.4 dB	0.4 dB
		typical	0.2 dB	0.2 dB	0.2 dB	0.2 dB
	SM	max.	0.3 dB	0.3 dB	0.4 dB	0.3 dB
		typical	0.15 dB	0.15 dB	0.2 dB	0.15 dB
Return loss	MM	PC polishing	> 35 dB	> 35 dB	> 35 dB	> 35 dB
	SM	UPC polishing	> 50 dB	> 50 dB	> 50 dB	> 50 dB
		APC polishing	> 65 dB	> 65 dB	-	> 65 dB

¹⁾ according to IEC 61300-3-4, method B

Mechanical properties		SC	LC	ST	E2000
With fiber type	OM2	x	x	x	-
	OM3, OM4	x	x	x	x
	OM5	x	x	-	-
	OS2	x	x	x	x
Standard	IEC	61754-4	61754-20	61754-2	61754-15
	TIA/EIA	604-3	604-10-A	604-2	604-16
Ceramic ferrule	Diameter	2.5 mm	1.25 mm	2.5 mm	2.5 mm
Connector color	MM	PC polishing	beige	metal	beige
	SM	UPC polishing	blue	metal	blue
		APC polishing	green	--	green
Tensile strength	min.	5 N	5 N	5 N	5 N
Mating cycles	min.	1000	1000	1000	1000

Fiber type		Multimode				Single mode
Standard	IEC 11801	OM2	OM3	OM4	OM5	OS2
	IEC	60793-2-10 A1a.1	60793-2-10 A1a.2	60793-2-10 A1a.3	60793-2-10 A1a.4	60793-2-50 B6_a / B6_b
	ITU-T	G.651.1	G.651.1	G.651.1	G.651.1	G.657.A
Fiber structure		50/125 µm	50/125 µm	50/125 µm	50/125 µm	9/125 µm
Color of buffered fiber (individual pigtails)		orange	aqua	violet	lime green	yellow
Color sequence in the sets with semi-tight buffered fiber pigtails according to IEC 60304		red, green, blue, yellow, white, gray, brown, violet, turquoise, black, orange, pink				
Color sequence in the sets with tight buffered fiber pigtails according to TIA/EIA 598B		blue, orange, green, brown, gray, white, red, black, yellow, violet, pink, turquoise				

P | Cabling

Product information

Page 2/3

OpDAT Pigtails

2017-11-24

Just use our cable configurator available on our web site at www.metz-connect.com/en/cable-configurator.
There you can find all variants available.

