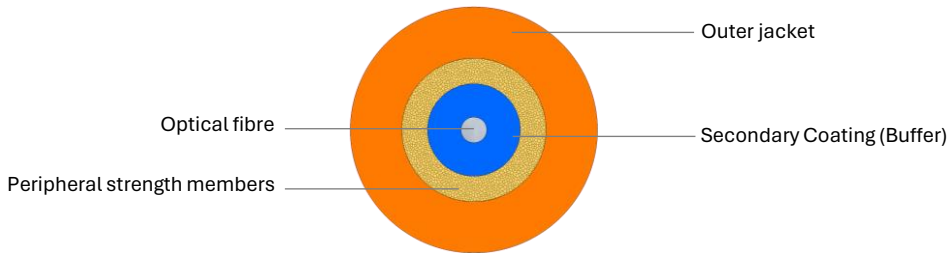


Simplex Cable

For general purpose, e.g. patch cords, office LAN connections or point-to-point interconnection



Fibre count	1
Fibre Type	G.652.D*, G.657.A1, G.657.A2, G.657.B3, G.655*, OM1, OM2, OM3, OM4, OM5*
Fibre colour	Natural
Buffer diameter	0.6 or 0.9 mm
Buffer material	Halogen-free flame-retardant thermoplastic compound or UV curable resin
Buffer colour	Blue
Strength members	Aramid yarns
Outer jacket (cable no.1-7)	Halogen-free flame-retardant thermoplastic compound
Outer jacket (cable no.8, 9)	UV resistant, Flame-retardant Thermoplastic Polyurethane

*Except cable no. 9

No.	Cable Code (Ordering Code)	Buffer material	Buffer diameter	Cable outer diameter	Tensile Strength (Short Term)	Cable Weight (calc.)
1	OPK-I-SX-1(1x1.6)T6AH-yy-zz	Thermoplastic	0.6 mm	1.6 mm	100 N	2.4 kg/km
2	OPK-I-SX-1(1x1.7)x9AH-yy-zz	Thermoplastic	0.6 mm	1,7 mm	100 N	3.0 kg/km
3	OPK-I-SX-1(1x1.8)x9AH-yy-zz	Thermoplastic	0.9 mm	1.8 mm	100 N	3.3 kg/km
4	OPK-I-SX-1(1x1.8)A9AH-yy-zz	UV curable resin	0.9 mm	1.8 mm	100 N	3.2 kg/km
5	OPK-I-SX-1(1x2.0)x9AH-yy-zz	Thermoplastic	0.9 mm	2.0 mm	100 N	3.8 kg/km
6	OPK-I-SX-1(1x2.4)x9AH-yy-zz	Thermoplastic	0.9 mm	2.4 mm	150 N	6.4 kg/km
7	OPK-I-SX-1(1x2.8)x9AH-yy-zz	Thermoplastic	0.9 mm	2.8 mm	150 N	7.8 kg/km
8	OPK-U-SXTAC-1(1x2.4)A9AU-yy-zz	UV curable resin	0.9 mm	2.4 mm	200 N	5.2 kg/km
9	OPK-U-SXTAC-1(1x2.8)N9AU-yy-zz	Polyamide 12	0.9 mm	2.8 mm	200 N	5.6 kg/km

x – buffer stripability yy – fiber type zz – jacket color

Crush Resistance	(cables no.1,2,3,4,5,9)	1000 N/100 mm	IEC 60794-1-101
	(cable no.6,7,8)	800 N/100 mm	IEC 60794-1-101
Max. Impact loading		1 Nm	IEC 60794-1-104
Min. bend radius not load		10 OD	IEC 60794-1-111
Min. bend radius load		15 OD	IEC 60794-1-111
Operating temperature range			
	(cables no.1-7) tight buffer	-20°C to +60°C	IEC 60794-1-201
	(cables no.1-7) free buffer	-5°C to +50°C	IEC 60794-1-201
	(cable no.8)	-40°C to +70°C	IEC 60794-1-201
	(cable no.9)	-45°C to +70°C	IEC 60794-1-201
Storage temperature range			
	(cables no.1-7)	-20°C to +60°C	IEC 60794-1-201
	(cable no.8)	-40°C to +70°C	IEC 60794-1-201
	(cable no.9)	-45°C to +70°C	IEC 60794-1-201
Water tightness (cables no.8, 9)		No leakage	IEC 60794-1-205
Class of fire reaction		Fca	

Print legend: Manufacturer – cable type – lot number- length marking per 1 m (customer print legend available on request)

Delivery length: 2100 m, 4200 m ±5% on plywood reel