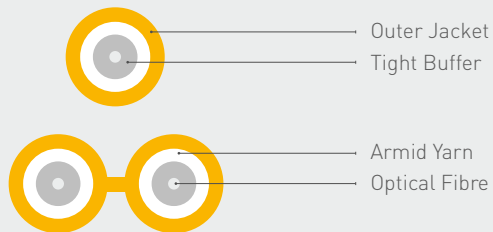


DUPLEX & SIMPLEX OPTICAL FIBRE CABLE

The Duplex and Simplex Cable provide strength and flexibility for interconnect applications due to their easy termination capabilities. They can be used from communication closets to wall outlets, wall outlets to desk and patch panels to equipments. They can be directly assembled with connectors as Pigtail or Patch Cords. Multiple Simplex Tight Buffer Fibres can be bundled as the Fan-out or Breakout cable for internal wiring.

These Optical Fibre follows ITU specification and are colour coded as yellow (SM), orange (MM). The standard diameter is 3.0 mm. The specification meets UL (OFNR and OFNP) flame retardant rating.



COMPLIANCE

ITU-T G652.B OS1
 ITU-T G652.D/G655/G657.A1/G657.A2 OS2
 ITU-T G651.1 OM1 OM2 OM3 OM4
 IEC60793-2-10 type A1a.1/A1b OM1/OM2
 IEC60793-2-10 type A1a.2 OM3
 IEC60793-2-10 type A1a.3 OM4
 ISO/IEC 11801 , ISO/IEC 24702
 IEEE 802.3z Gigabit Ethernet
 ANSI/TIA/EIA 568C.3
 ROHS compliant Directive 2002/95/EC

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Characteristics	Short Term	Long Term
Max. Tensile Load	300 N	160 N
Max. Crush Load	500 N/100 mm	100 N/100 mm
UL Fire Rated	OFNR	
Operating Temp.	-20 °C to +60 °C	
Storage Temp.	-40 °C to +85 °C	
Sheath Material	Standard: PVC Optional: LSZH, PE or other	

DUPLEX & SIMPLEX OPTICAL FIBRE CABLE

ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Tight Diameter (mm)	Buffer	Cable Weight (kg/km)	Bend Radius	
						Short (mm)	Long (mm)
3102-11001FXXCL	1	1.6	0.6		3.2	20D	10D
3102-12001FXXCL	1	1.8	0.9		3.5	20D	10D
3102-13001FXXCL	1	2.0	0.9		3.9	20D	10D
3102-14001FXXCL	1	2.4	0.9		4.5	20D	10D
3102-15001FXXCL	1	2.8	0.9		5.2	20D	10D
3102-16001FXXCL	1	3.0	0.9		6.5	20D	10D
3102-11002FXXCL	2	1.6 X 2	0.9		6.5	20D	10D
3102-12002FXXCL	2	1.8 X 2	0.9		7.0	20D	10D
3102-13002FXXCL	2	2.0 X 2	0.9		8.0	20D	10D
3102-14002FXXCL	2	2.4 X 2	0.9		9.4	20D	10D
3102-15002FXXCL	2	2.8 X 2	0.9		12.5	20D	10D
3102-16002FXXCL	2	3.0 X 2	0.9		14.0	20D	10D
3102-17002FXXCL	2	3.2 X 5.2	0.9		18.0	20D	10D
3102-18002FXXCL	2	7.2 X 4.2	0.9		31.0	20D	10D

ORDERING GUIDE

Cable Type	Jacket	Fibre/ Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3102	1=PVC 2=LSZH 3=PE	1=12 F/T 2=08 F/T 3=06 F/T 4=04 F/T	No. of Fibre	OM1=62.5/125 OM1 OM2=50/125 OM2 OM3=50/125 OM3 OM4=50/125 OM4 OS1=9/125 [G652.B] OS1 OS2=9/125 [G652.D] OS2 500=9/125 [G655] OS2 7A1=9/125 [G657.A1] OS2 7A2=9/125 [G657.A2] OS2	As noted

CL: BK(Black), OR(Orange), YL(Yellow), GN(Green), AQ(Aqua), RD(Red), BL(Blue)

PACKING INFORMATION

Part Number	Packing Length	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
3102-11001FXXCL	1000 x 1	Plywood Reel/CTN	3.2	4.2	360 x 360 x 255
3102-12001FXXCL	1000 x 1	Plywood Reel/CTN	3.5	4.5	360 x 360 x 255
3102-13001FXXCL	1000 x 1	Plywood Reel/CTN	3.9	4.9	360 x 360 x 255
3102-14001FXXCL	1000 x 1	Plywood Reel/CTN	4.5	5.5	360 x 360 x 255
3102-15001FXXCL	1000 x 1	Plywood Reel/CTN	5.2	6.2	360 x 360 x 255
3102-16001FXXCL	1000 x 1	Plywood Reel/CTN	6.5	7.5	360 x 360 x 255
3102-11002FXXCL	1000 x 1	Plywood Reel/CTN	6.5	7.5	360 x 360 x 255
3102-12002FXXCL	1000 x 1	Plywood Reel/CTN	7.0	8.0	360 x 360 x 255
3102-13002FXXCL	1000 x 1	Plywood Reel/CTN	8.0	9.0	360 x 360 x 255
3102-14002FXXCL	1000 x 1	Plywood Reel/CTN	9.4	10.4	360 x 360 x 255
3102-15002FXXCL	1000 x 1	Plywood Reel/CTN	12.5	13.5	360 x 360 x 255
3102-16002FXXCL	1000 x 1	Plywood Reel/CTN	14.0	15.0	360 x 360 x 255
3102-17002FXXCL	1000 x 1	Plywood Reel/CTN	18.0	19.0	360 x 360 x 255
3102-18002FXXCL	1000 x 1	Plywood Reel/CTN	31.0	32.0	360 x 360 x 255