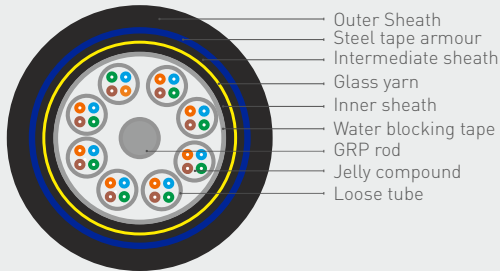


TRIPLE JACKET GLASS YARN STRENGTH STEEL TAPE ARMoured OPTICAL CABLE HDPE

These cables are constructed with multiple tubes filled with water blocking jelly with a fibre count up to 144 fibre strands. They form the backbone of high speed networks and give flexibility and versatility to networks. They give flexibility versatility to networks and can be used for direct burial applications.

Non metallic GRP strength members in the cable give it good tensile strength, water blocking jelly in the tube and tape over the tube give it excellent water and moisture resistance. Corrugated steel armouring, glass yarn and Triple layer HDPE sheath give this cable excellent tensile strength, mechanical, rodent, ultraviolet and environmental protection.



COMPLIANCE

ITU-T G652.D/G655/G657.A1/G657.A2 OS2
ISO/IEC 11801 , ISO/IEC 24702 IEC60794-1
ANSI/TIA/EIA 568C.3
ROHS compliant Directive 2002/95/EC

CONSTRUCTION

Central strength member	GRP rod
Loose Tube	PBT
Water blocking tape	Polyester tape
Inner Sheath	1.5mm HDPE (IEC 60502, type ST7)
Strength Member	Glass Yarn
Intermediate Sheath	1.0mm HDPE (IEC 60502, type ST7)
Armouring	0.4 mm corrugated steel tape
Outer Sheath	1.5mm HDPE (IEC 60502, type ST7)

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Characteristics	Short Term	Long Term
Max. Tensile Load	3000 N	1000 N
Max. Crush Load	3000 N/100 mm	1000 N/100 mm
Operating Temp.	-40°C to +70°C	
Storage Temp.	-40°C to +85°C	

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ANSI/TIA/EIA-598-B STANDARD FIBRE COLOR CODE

Fibre Number	Fibre Color	Fibre Number	Fibre Color
Fibre 1	Blue	Fibre 7	Red
Fibre 2	Orange	Fibre 8	Black
Fibre 3	Green	Fibre 9	Yellow
Fibre 4	Brown	Fibre 10	Violet
Fibre 5	Slate	Fibre 11	Rose
Fibre 6	White	Fibre 12	Aqua

ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Loose Tube Diameter (mm)	Cable Weight (kg/km)	Bend Radius	
					Short (mm)	Long (mm)
3164-H40320S2CL	32	15.0	2.4	240	20D	10D

ORDERING GUIDE

Cable Type	Jacket	Fibre/ Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3164	1=PVC 2=LSZH 3=MDPE H=HDPE	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)

' * Default value of Fibre Per Tube is "1" as per the ordering information, Follow the ordering guide for any other Specific customized fibre per tube requirement. '

PACKING INFORMATION

Part Number	Packing Length	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
3164-H40320S2CL	2500 x 1	Wooden Drum	600.0	625.0	800 x 800 x 570