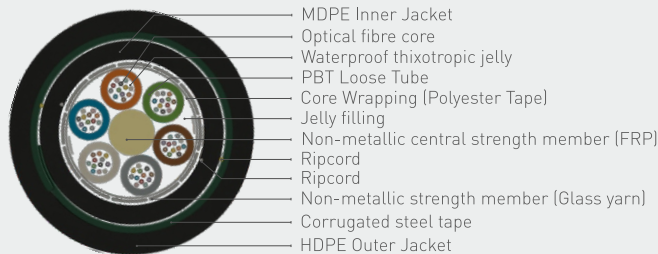
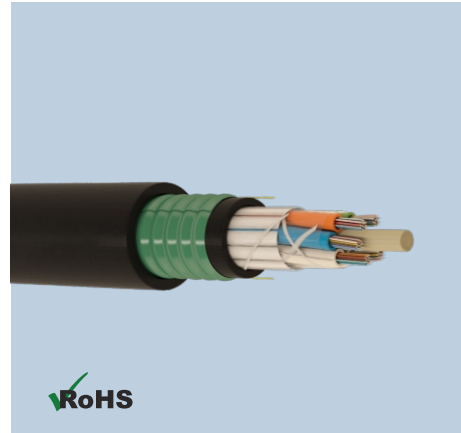


# MULTI LOOSE TUBE DOUBLE SHEATH E-GLASS STRENGTH ARMoured OPTICAL CABLE

OPTINOR

The cable is constructed with FRP Central Strength Member and PBT Loose tube with jelly compound. Water blocking glass yarn and tape gives protection against water penetration. A corrugated steel tape armouring and double jacket inner MDPE and outer HDPE sheath gives this cable excellent tensile strength, mechanical, rodent, ultraviolet and environmental protection. They come in larger delivery length, so can also be used in long distance communication system, building interconnections, trunk lines, LAN, distribution networks.



## 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  
 ANSI/TIA/EIA 568C.3  
 RoHS Compliant Directive 2002/95/EC

CPR Compliance to Fca

## MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Characteristics	Short Term	Long Term
Max. Tensile Load	≥1200 N	≥600 N
Max. Crush Load	4000 N/100 mm	
Operating Temp.	-20°C to +60°C	
Storage Temp.	-40°C to +85°C	
Sheath Material	MDPE (Inner), HDPE (Outer)	

## ORDERING INFORMATION

Part Number	Fibre Count	Outer Diameter (mm)	Loose Tube Diameter (mm)	Cable Weight (kg/km)	Bend Radius	
					Short (mm)	Long (mm)
3174-J1004FXXCL	4	13.9	2.05	208.0	20D	10D
3174-J1006FXXCL	6	13.9	2.05	208.0	20D	10D
3174-J1008FXXCL	8	13.9	2.05	208.0	20D	10D
3174-J1012FXXCL	12	13.9	2.05	208.0	20D	10D
3174-J1024FXXCL	24	13.9	2.05	208.0	20D	10D
3174-J1036FXXCL	36	13.9	2.05	208.0	20D	10D
3174-J1048FXXCL	48	13.9	2.05	208.0	20D	10D
3174-J1072FXXCL	72	14.6	2.25	223.0	20D	10D
3174-J1096FXXCL	96	16.1	2.25	267.0	20D	10D
3174-J1144FXXCL	144	19.1	2.25	359.0	20D	10D



# MULTI LOOSE TUBE DOUBLE SHEATH E-GLASS STRENGTH ARMoured OPTICAL CABLE



## ORDERING GUIDE

Cable Type	Jacket	Fibre/Tube	Fibre Count	Fibre Type (FXX)	Jacket Colour (CL)
3174	J=HDPE (Fca)	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)
3174-J1004FXXCL	1000 x 1	Wooden Drum	208.0	238.0	800 x 800 x 570
3174-J1006FXXCL	1000 x 1	Wooden Drum	208.0	238.0	800 x 800 x 570
3174-J1008FXXCL	1000 x 1	Wooden Drum	208.0	238.0	800 x 800 x 570
3174-J1012FXXCL	1000 x 1	Wooden Drum	208.0	238.0	800 x 800 x 570
3174-J1024FXXCL	1000 x 1	Wooden Drum	208.0	238.0	800 x 800 x 570
3174-J1036FXXCL	1000 x 1	Wooden Drum	208.0	238.0	800 x 800 x 570
3174-J1048FXXCL	1000 x 1	Wooden Drum	208.0	238.0	800 x 800 x 570
3174-J1072FXXCL	1000 x 1	Wooden Drum	223.0	253.0	800 x 800 x 570
3174-J1096FXXCL	1000 x 1	Wooden Drum	267.0	297.0	800 x 800 x 570
3174-J1144FXXCL	1000 x 1	Wooden Drum	359.0	389.0	800 x 800 x 570