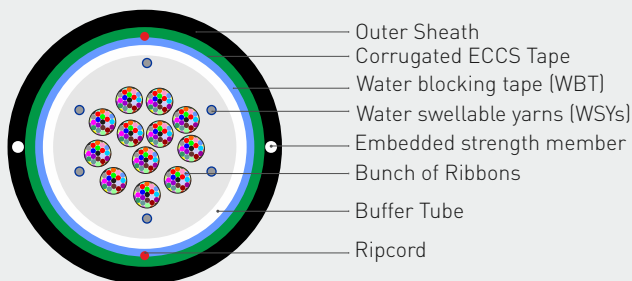
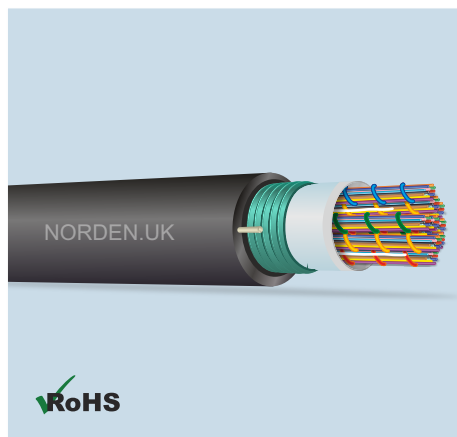


UNITUBE SINGLE SHEATH STEEL TAPE ARMoured ROLL UP RIBBON FIBRE OPTIC CABLE

OPTINOR

Unitube Single Sheath Steel Tape Armoured Roll Up Ribbon Fibre Optic Cable NORDEN delivers strong performance suitable for installations in ducts while also offering the efficiency of high-capacity mass fusion splicing. It has reduced diameter when compared to flat ribbon cables. It provides increased resistance to crushing. To prevent water from entering the cable, it contains water-swellable yarns and is enveloped by water-swellable tape. Steel wire embedded strength members help to reduce preferential bending. The cable's durability is enhanced by the presence of Corrugated Steel Tape armour protecting. The cable is UV protected, flexible, lightweight, and simple to handle and install.



COMPLIANCE

ITU-T G652.B OS1
 ITU-T G652.D/G655/G657.A1/G657.A2 OS2
 ITU-T G651.1 OM1 OM2 OM3 OM4 OM5
 IEC60793-2-10 type A1a.1/A1b OM1/OM2
 IEC60793-2-10 type A1a.2 OM3
 IEC60793-2-10 type A1a.3 OM4
 IEC60793-2-10 type A1a.4 OM5
 ISO/IEC 11801, ISO/IEC 24702
 ANSI/TIA/EIA 568C.3
 ROHS compliant Directive 2002/95/EC
 LSZH: IEC 60332-1, IEC 60754, IEC 61034

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Characteristics	Short Term	Long Term
Tensile Strength	2700 N	900 N
Max. Crush Load	3000 N/100 mm	
Impact Strength	5 Nm	
Installation Temp.	-30°C to +70°C	
Operating Temp.	-40°C to +70°C	
Storage Temp.	-40°C to +70°C	
Sheath	Standard: HDPE, Optional: LSZH, PVC or other	

ORDERING INFORMATION

12 Fibre per Ribbon

Part Number	No. of Fibre	No. of Ribbons per Bundle	Outer Diameter mm (± 5%)	Cable Weight Kg/Km (± 10%)	Bend Radius	
					Short (mm)	Long (mm)
4032-HQ0487A2CL	48	48 X 1	10.0	100	20D	15D
4032-HQ0967A2CL	96	96 X 1	11.0	125	20D	15D
4032-HQ1447A2CL	144	144 X 1	11.5	130	20D	15D