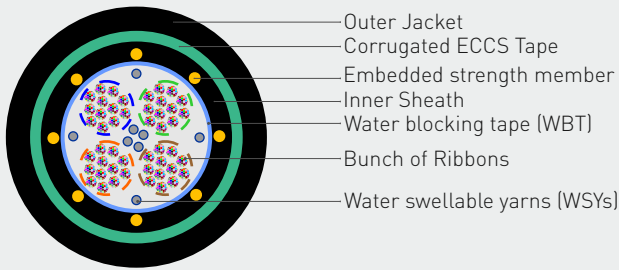
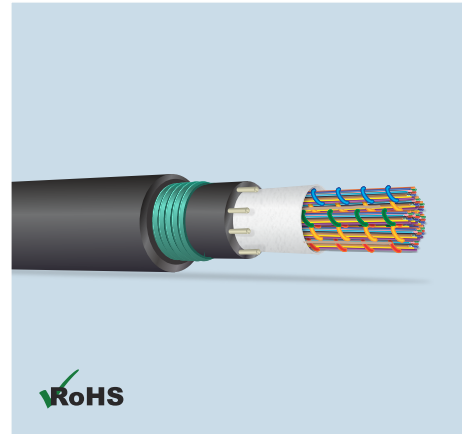


DOUBLE JACKET MULTI-TUBE STEEL TAPE ARMORED ROLL UP RIBBON FIBRE OPTIC CABLE



Double jacket Multi-Tube Steel Tape Armored Roll Up Ribbon Fibre Optic Cable from 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. It has Yarns and Water Swellable Tape which utilizes dry water-blocking technology and eliminates the need for gel, streamlining end preparation processes. Aramid-Reinforced Plastic (ARP) strength members help to reduce preferential bending. It features a rugged thermoplastic jacket that can be easily removed. The cables durability is enhanced by the presence of Corrugated Steel Tape armor protecting the inner sheath. 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 | 4400 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) |
| 4031-HQ02887A2CL | 288 | 72 X 4 | 15.4 | 210 | 20D | 15D |
| 4031-HQ04327A2CL | 432 | 72 X 6 | 16.9 | 235 | 20D | 15D |
| 4031-HQ05767A2CL | 576 | 144 X 4 | 18.2 | 260 | 20D | 15D |
| 4031-HQ08647A2CL | 864 | 144 x 6 | 21.5 | 330 | 20D | 15D |
| 4031-HQ11527A2CL | 1152 | 288 x 4 | 23.6 | 425 | 20D | 15D |
| 4031-HQ17287A2CL | 1728 | 288 x 6 | 26.2 | 520 | 20D | 15D |