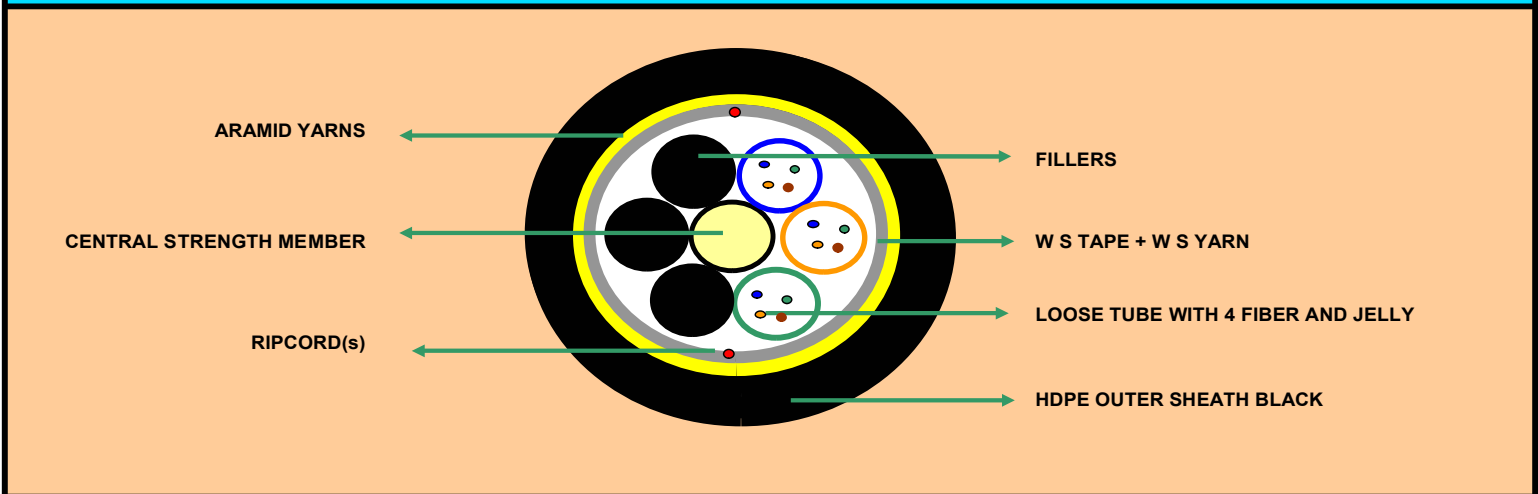


12 Fibre (SM-G652) DRY CORE Single Sheath ADSS Optical Fibre Cable - 100M SPAN

PRODUCT INFORMATION

| ELEMENTS | NOS. | MATERIAL | NOMINAL VALUE | |
|--|---------|---------------------------|-------------------------------|------------------|
| Loose Tube Single Mode Optical Fibre | 12 Nos. | ITU-T G652D | 1310nm : 0.36 & 1550nm : 0.23 | |
| Filling Jelly Tube | 3 Nos. | Thixotropic jelly PBTP | 2.3 ± 0.2 mm | Nominal Diameter |
| Core Central Strength Member | 1 No. | FRP | 2.5 ± 0.2 mm | Nominal Diameter |
| Filler/ Dummy | 3 No. | Polyethylene | Black / Natural | |
| Water blocking elements | | W S YARN | | |
| Core Wrap | | W S Tape | | |
| Cable Rip Cord | | Twisted yarns | 2 Nos | Under Sheath |
| Peripheral Strength Member | | Aramid yarns | | |
| Outer Sheath | | High Density Polyethylene | Min 1.5 mm | Radial Thickness |

CONSTRUCTIONAL DETAILS



OPTICAL FIBRE CABLE PERFORMANCE

| MECHANICAL | | | | ENVIRONMENTAL | |
|---------------------|--------|------------------|---------------|-------------------|----------------|
| Tensile strength | 5000 N | Crush Resistance | 1500 N / 10cm | Temp. Performance | |
| Minimum Bend Radius | | Impact strength | 50Nm. | Installation | -30°C to +70°C |
| -Short Term | 10 x D | Torsion | ±180° | Service | -30°C to +70°C |
| -Long Term | 20 x D | | | Storage | -30°C to +70°C |

COLOR DETAILS

| | |
|----------------------|----------------------------|
| Optical Fibre Colour | Blue, Orange, Green, Brown |
| Loose Tube Colour | Blue, Orange, Green |
| Sheath Colour : | Black |

PHYSICAL PARAMETERS

| | | | | | |
|-----------------------------------|----|-------------------------------------|----|-------------------|---------------------|
| Diameter (mm, Nominal) +/- 1.0 mm | 11 | Cable wt. (Kg/km) Nominal ± 20.0 | 95 | Cable length (km) | 2 / 3 / 4 / 5 ± 10% |
| | | | | Order Tolerance: | ± 5 % |

| | |
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| Printing details | QUALITY CABLE & ELECTRONICS, INC., LAZERLINE TM , 12F MLT ADSS FIBRE CABLE, YEAR OF MANUFACTURE, LENGTH MARKING, CABLE IDENTIFICATION. |
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