



Double PE CORRUGATED ARMOUR (12-144C) SINGLEMODE/ MULTIMODE

OPTICAL FIBRE SPECIFICATION:

Double PE Jacketed

Cable Description

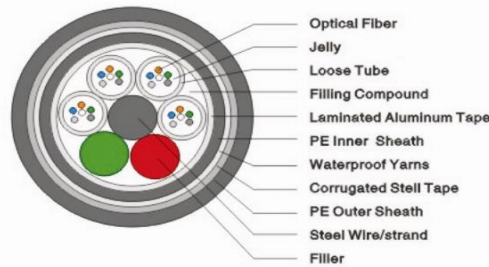
Metallic Strength member, Loose tube stranded, Jelly filled, Corrugated steel tape
Double PE Jacketed.

Applications

Direct Buried, Cable Trench, Duct , Aerial type.

Cable Designs

| | | |
|-------------------|--|--------------|
| Outer Sheath : | Polyethylene (PE) | UV Resistant |
| Inner Sheath : | Polyethylene (PE) (Second Jacket) | |
| Armouring : | 0.20mm steel tape ≥3mm overlap width | |
| Loose tube : | Polybutylene Terephthalate(PBTP) | |
| Tube Filling : | Waterproof Jelly compound | |
| Strength member : | Metallic Strength member with plastic coat | |



Cable Characteristics

| | |
|---|------------------------|
| Numbers of fibres(n) : | 12-144 Cores |
| Outer diameter (mm): | 12.6mm to 30.40mm |
| Weight(kg/km) : | 160 to 375 kg |
| Minimum bend radius(mm): | 100 |
| Loose tube : | 2.2-2.8mm |
| Tensile resistance (Long term / Short term) | 800-1500 / 1500-4000 |
| Crush resistance (Long term / Shorterm) | 1000 / 3000 |
| Operating temperature : | Neg 40 to Positif 70°C |

Additional Technical Information

Inspected and physically tested to exceed accepted industry standards and manufacturing procedures.

| | | |
|------------------------------|---------------------------|----------------|
| | TIA/EIA | EIA/ISO |
| ISO9000(2000) | EN188 000 | IEC 60793-1& 2 |
| ISO9002(1997) | ITU-T G.651 & G652 | CCC |
| Standard Continuous Length : | Multiple of 1KM up to 3KM | |
| Standard cable colour : | Black | |

**Part Number: 3050G-(SM1)-(XXX) (SM1)=SM9/125, (XXX)= Number of cores
(MM1)=MM62.5/12 (MM2)=MM50/125**