



Double Jacket Direct Burial Cable (12 -144 Fibres)

12 to 144 250um fibre multi element, multi loose tube direct burial cable with corrugated steel tape armouring. It consists of 12 fibre gel filled loose tubes, SZ stranded around a fibre reinforced plastic central strength member with water swellable threads and tape. It features an inner PE and an outer HDPE jackets with ripcords.

Features

- Offered with G.652.D, G. 655 or G.656 fibre types
- Robust cable construction
- Single layer stranded construction (up to 144 fibres) Corrugated steel tape as protection against rodents and mechanical damage
- Enhanced tensile strength with the use of dielectric central strength member
- Offered with inner and outer PE jackets
- Wrapped in water blocking tape

Applications

- Direct burial applications
- Applications high mechanical loads
- Applications that require rodent protection

Specifications

| DESCRIPTION | | A-DQ(ZM) (SR)2Y 12 | (SR)2Y 24 | (SR)2Y 36 | (SR)2Y 48 | (SR)2Y 60 | (SR)2Y 72 | (SR)2Y 96 | (SR)2Y 120 | (SR)2Y 144 |
|---------------------------------------|-------|--|-----------|-----------|-----------|---|-----------|-----------|------------|------------|
| Maximum Fibre Count | Cores | 12 | 24 | 36 | 48 | 60 | 72 | 96 | 120 | 144 |
| Cable Diameter | Mm | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 16.2 | 17.8 | 19.5 |
| Cable Weight | kg/km | 195 | 195 | 195 | 195 | 195 | 195 | 235 | 280 | 325 |
| Max. Tensile Load during installation | N | 2700 | 2700 | 2700 | 2700 | 2700 | 2700 | 2700 | 2700 | 2700 |
| Fibres per loose buffer tube | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Number of loose buffer tube | | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 10 | 12 |
| Number of stranding elements | | 6 | 6 | 6 | 6 | 6 | 6 | 8 | 10 | 12 |
| Min. Bend Radius | | 20 x cable outer diameter (during laying and installation) | | | | 17.5 x cable outer diameter (installed) | | | | |
| Installation Temperature Range | °C | -5~+50 | -5~+50 | -5~+50 | -5~+50 | -5~+50 | -5~+50 | -5~+50 | -5~+50 | -5~+50 |
| Operation Temperature Range | °C | -30~+70 | -30~+70 | -30~+70 | -30~+70 | -30~+70 | -30~+70 | -30~+70 | -30~+70 | -30~+70 |
| Transportation Temperature Range | °C | -40~+70 | -40~+70 | -40~+70 | -40~+70 | -40~+70 | -40~+70 | -40~+70 | -40~+70 | -40~+70 |

Ordering Information

| | Fibre Type | | Jacket Type | | Fibre Count | |
|--|------------|-------|-------------|---|-------------|-----|
| | OFC-MLDB | 9 | G.652.D | 2 | PE | 24 |
| | 55 | G.655 | | | ... | ... |
| | 56 | G.656 | | | 144 | 144 |

Example order code

OFC-MLDB - 9 2 - 24

Double Jacket Multi Loose Tube Cable Direct Burial Singlemode PE 24 Fibres

For more information, please contact our sales team: sales@optronicsplus.net

www.optronicsplus.net

Technical Drawing

