Features and Benefits
Cable containing up to 12 optical fibers in loose tube, optical fibers reinforced with two FRP wire and sheathed in HDPE material. Cable is designed for primarily in structured wiring systems in backbones.

- FRP reinforced
- Double ECCS Armoured
- Water Swellable Yarn to prevent water ingress in loose tube
- HDPE out Jacket
- Up to 12 fiber cores

Construction Details
Fibre protection(Tubes) : Thermoplastic Material (PBTP)
No. of fibres per tube: 12F Max
Fibres Type: SM G652D
Rip Cord: 2 nos
Peripheral Strength member: Fibre Reinforced Plastic(FRP)
Water Blocking : Water Swellable Yarn
Core Wrapping : Water Blocking Tape
Inner Sheath : HDPE Black
Outer Sheath : HDPE Orange(UV Stabilised/Protected)

Commercial Standards
Specifications
ISO/IEC 11801 - 2nd Edition, type OS2 ; AS/ACIF S008; AS/NZS 3080, ITU-T REC G 652D
spec for Low Water Peak fibre ; supports 10G + data applications IEC 60793/60794-1 Telecordia (BELLCORE)
GR 20 STDS, TIA/EIA 568-C.3, EIA455

Technical Information
Mechanical Characteristics
MMin. Bending Radius: 20D; D is OD
Max. Tensile Strength: 2000N
Crush Resistance: 3000N/10 cm
Operating Temperature range : -20°C to +70°C
O.D: 14±1.0mm

Optical Characteristics
Attenuation:
At 1310 nm : ≤ 0.36 dB/km
At 1550 nm : ≤ 0.23 dB/km

ORDERING INFORMATION
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<th>SAP No.</th>
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<tr>
<td>ZFOUJXXOS2-DA</td>
<td>Consult Molex</td>
<td>XXX Core, Double Armoured Uni-Tube, 9/125μm, OS2 Type Optical Fibre Cable</td>
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</tbody>
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