TIGHT CABLES
Simplex/Duplex

Fibre Optic Cables

SIM-000-01-M1  Simplex
DUP-000-02-M1  Duplex Zip-Cord
DDG-000-02-M1  Duplex Double Sheath

FEATURES & APPLICATIONS
- Patch cords
- Workstation equipment connections
- Compatible with all standard connectors

TEMPERATURE RANGE
-20/+70°C (operating);
-30/+70°C (storage);
-5/+60°C (installation)

MINIMUM BENDING RADIUS
20 times overall diameter (dynamic)
10 times overall diameter (static)

CABLE CONSTRUCTION
Fibres
Singlemode and multimode fibres, with tight or semi-tight (S) coating.

Structure
- In SIM and SIM(S) cables, the coated fibre is protected by a reinforcement layer made of aramidic yarns and by a LSZH (M1) sheath.
- DUP cable is formed by two singlefibre SIM placed side by side, easily separable and suitable for direct connector installation.
- DDG cable is formed by two singlefibre SIM placed side by side and protected with LSZH (M1) sheath having an oval section to grant a higher mechanical protection.

APPLICATION STANDARD
Optical fibre characteristics IEC 60793-1
Optical fibre cable characteristics IEC 60794-1
Fire retardant IEC 60332-3  EN 50266
Flame retardant IEC 60332-1  EN 60332-1
Test on gases evolved during combustion IEC 60754  EN 50267-2
Low smoke emission IEC 61034-2  EN 50268-2

<table>
<thead>
<tr>
<th>Type</th>
<th>Fibre (n°)</th>
<th>Diameter (mm)</th>
<th>Weight (kg/km)</th>
<th>Tension load (N)</th>
<th>Crush (N/100mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SIM-000-01-M1*</td>
<td>1</td>
<td>1.6</td>
<td>2.0</td>
<td>200</td>
<td>150</td>
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<tr>
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<td>4.0</td>
<td>200</td>
<td>150</td>
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<td>150</td>
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<tr>
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<td>9.0</td>
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<tr>
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<td>200</td>
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<td>DDG-000-02-M1</td>
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<td>3.0 x 5.0</td>
<td>20.0</td>
<td>600</td>
<td>250</td>
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</table>

* Tight diameter 0.6 mm.
approximate values