

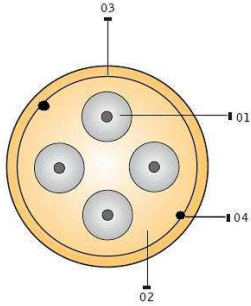
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# OPTRAL



## CDI-M

### Militar Distribution Cable (Up to 12 Fo)



#### Cable Description

- 01. Tight Buffer Fibre (0.9 mm)
- 02. Aramid
- 03. Outer Jacket
- 04. Ripcords

#### Norms / Approvals

Based on military norm MIL-C-85045

#### Options

- Easy-Strip Buffer
- PU-FR Jacket



#### Advantages

Compact / Lightweight / Flexible / Easy to strip (gel free) / Totally dielectric / Reduced diameter / Direct connectorization / Based on military norm.



TOTALLY DIELECTRIC



MOISTURE PROTECTED



HIGH FLEXIBILITY



ULTRAVIOLET RESISTANCE

All technical specifications are subject to change without prior notice. Consult OPTRAL for the latest edition.

#### SPECIFICATIONS

|                                     | 2                                  | 4        | 6        | 8        | 12         |
|-------------------------------------|------------------------------------|----------|----------|----------|------------|
| <b>Fibres</b>                       | 2                                  | 4        | 6        | 8        | 12         |
| <b>Strength Members</b>             | Aramid Yarns                       |          |          |          |            |
| <b>Outer jacket</b>                 | Polyurethane                       |          |          |          |            |
| <b>Colour</b>                       | Black                              |          |          |          |            |
| <b>Weight (Kg/Km)</b>               | 23                                 | 27       | 29       | 36       | 49         |
| <b>Outer Ø (mm)</b>                 | 5.3 ±0.3                           | 5.6 ±0.3 | 5.8 ±0.3 | 6.5 ±0.3 | 7.0 ±0.3   |
| <b>Tensile Load Perm / Inst (N)</b> | 600 / 1100 (IEC 60794-1-21 E1)     |          |          |          | 700 / 1250 |
| <b>Max. Crush (N/dm)</b>            | 2000 (IEC 60794-1-21 E3)           |          |          |          |            |
| <b>Temperature Range</b>            | -40°C to +70°C (IEC 60794-1-22 F1) |          |          |          |            |
| <b>Min. Bending Radius</b>          | 20 x Outer Ø (IEC 60794-1-21 E11)  |          |          |          |            |
| <b>Maximum Length (m)</b>           | 4200                               |          |          |          |            |

#### Standards

Mechanical and Environmental tests according to IEC 60794-1-21 and IEC 60794-1-22.

Colour Fibres (TIA/EIA-598): Blue – Orange – Green – Brown – Grey – White – Red – Black – Yellow – Violet – Pink – Turquoise

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