

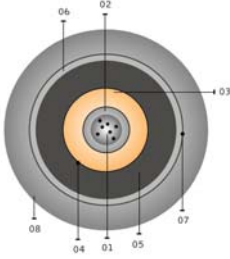
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OPTRAL

DPMP-1



Metallic Armoured Unitube Cable (Up to 24 FO)



Cable Description

- 01. Fibre Optics
- 02. Central Tube (Jelly filled)
- 03. Fiberglass Reinforcements - WB
- 04. Ripcord
- 05. Inner Jacket
- 06. Metallic Armour
- 07. Ripcord
- 08. Outer Jacket

Applications

Outdoor

Rodent protection

Excellent rodent resistance

Options

Strength Members = Aramid (KPMP-1 Type)
Special colour code (TIA 598)



Advantages

Compact / Lightweight / Flexible / Tough / Resistant / Reduced diameter / Watertight / Excellent Resistance to Friction / Suitable for "blown air" system / Excellent rodent resistance.



MOISTURE PROTECTED



WATERTIGHT



LOW FRICTION



ULTRAVIOLET RESISTANCE



RODENT PROTECTION



HALOGEN FREE

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

| SPECIFICATIONS | | |
|-------------------------------------|--|------------|
| Fibres | 2 / 4 / 6 / 8 / 12 | 16 / 24 |
| Ø Central Tube (mm) | 3.2 ± 0.2 / 3.5 ± 0.2 (12 FO) | 4.5 ± 0.2 |
| Strength Members | Fiberglass Reinforced WB (Waterblocking) | |
| Inner jacket | Lineal Low Density Polyethylene | |
| Armour | Steel Wire Braid | |
| Outer jacket | Lineal Low Density Polyethylene | |
| Colour | Black | |
| Weight (Kg/Km) | 96 / 101 (12 FO) | 117 |
| Outer Ø (mm) | 9.8 ± 0.5 / 10.1 ± 0.5 (12 FO) | 11.1 ± 0.5 |
| Tensile Load Perm / Inst (N) | 1300 / 2350 | |
| Crush (N) | 2000 | |
| Temperature Range | -40° C to +70°C | |
| Min. Bending Radius | 20 x Outer Ø | |
| Maximum Length | 4000 m / 3000 m (12 FO) | 2000 m |

Standards

Environmental and mechanical tests according to EN 187000 and CEI 60794.

Fibres colour code: Red, green, yellow, blue, white, violet, orange, black, grey, brown, pink, turquoise. With stripe: red, green, yellow, blue, white, violet, orange, natural, grey, brown, pink, turquoise.

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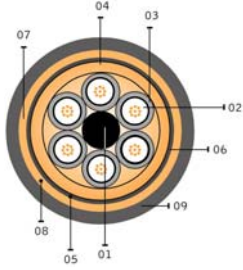
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OPTRAL

DPMP



Metallic Armoured Multitube Cable (Up to 144 FO)



Cable Description

- 01. Central Element (GRP)
- 02. Fibre Optics
- 03. Loose Tube (Jelly Filled)
- 04. Fiberglass Reinforcements - WB
- 05. Ripcord
- 06. Inner Jacket
- 07. Metallic Armour
- 08. Ripcord
- 09. Outer Jacket

Applications

Outdoor

Rodent protection

Excellent rodent resistance

Options

Strength Members = Aramid (KPMP Type)
Special colour code (TIA 598)

Advantages

Compact / Tough / Resistant / Excellent Resistance to Friction / Suitable for "blown air" system / Excellent rodent protection.



MOISTURE PROTECTED



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HALOGEN FREE

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SPECIFICATIONS

| | 16 | 24 | 32 | 36 | 48 | 64 | 72 | 96 | 128 | 144 |
|-------------------------------------|---|-----------|-----------|-----------|-----------|-------------|-----------|-----------|-----------|-----------|
| Fibres | 16 | 24 | 32 | 36 | 48 | 64 | 72 | 96 | 128 | 144 |
| Fibres per Tube | 4 | 6 | 8 | 6 | 12 | 8 | 12 | 12 | 8 | 12 |
| Total Tubes | 4 | 4 | 4 | 6 | 4 | 8 | 6 | 8 | 18 | 14 |
| Active Tubes | 4 | 4 | 4 | 6 | 4 | 8 | 6 | 8 | 16 | 12 |
| Strength Members | Reinforced Fiberglass Yarns (Waterblocking) | | | | | | | | | |
| Inner jacket | Lineal Low Density Polyethylene | | | | | | | | | |
| Armour | Steel Wire Braid | | | | | | | | | |
| Outer jacket | Lineal Low Density Polyethylene | | | | | | | | | |
| Colour | Black | | | | | | | | | |
| Weight (Kg/Km) | 128 | 128 | 144 | 153 | 158 | 223 | 205 | 257 | 309 | 298 |
| Outer Ø (mm) | 11.9 ±0.5 | 11.9 ±0.5 | 12.8 ±0.5 | 13.1 ±0.5 | 13.6 ±0.5 | 15.8 ±0.5 | 15.2 ±0.5 | 16.9 ±0.5 | 19.3 ±0.5 | 19.6 ±0.5 |
| Tensile Load Perm / Inst (N) | 1300 / 2350 | | | | | 1800 / 3250 | | | | |
| Crush (N) | 3000 | | | | | | | | | |
| Maximum Length (m) | 4200 | 4200 | 3100 | 4200 | 2100 | 3100 | 2100 | 2100 | 3100 | 2100 |
| Temperature Range | -40° C to +70° C | | | | | | | | | |
| Min. Bending Radius | 20 x Outer Ø | | | | | | | | | |

Standards

Environmental and mechanical tests according to EN 187000 and CEI 60794.

Fibres colour code: red, green, blue, yellow, grey, violet, brown, orange, white, pink, black and natural.

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