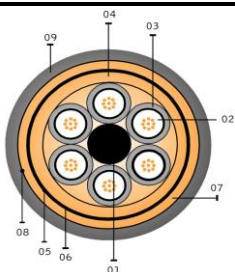


# OPTRAL



## DPSP / A-DQ(ZN)2Y(SR)2Y

### Metallic Armoured Multitube Cable (Up to 144 Fo)



#### Cable Description

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

#### Applications

Outdoor  
Direct Burial  
Permanent shallow immersion in fresh and salt water

#### Rodent protection

Excellent rodent resistance

#### Options

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

#### CPR Classification (Euroclass)

Reaction to Fire: Fca  
Declaration Code: DOP03150

#### Advantages

Compact / Tough / Resistant / Excellent resistance to friction / Excellent rodent protection.



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                | 12                                                      | 16   | 24   | 32   | 36   | 48   | 64   | 72   | 96          | 128  | 144  | 216  |
|-----------------------|---------------------------------------------------------|------|------|------|------|------|------|------|-------------|------|------|------|
| Fibres per Tube       | 12                                                      | 8    | 12   | 8    | 12   | 12   | 8    | 12   | 12          | 8    | 12   | 12   |
| Total Tubes           | 6                                                       | 6    | 6    | 6    | 6    | 6    | 8    | 6    | 8           | 18   | 12   | 18   |
| Active Tubes          | 1                                                       | 2    | 2    | 4    | 3    | 4    | 8    | 6    | 8           | 16   | 12   | 18   |
| Strength Members      | Reinforced Fibreglass Yarns WB (Waterblocking)          |      |      |      |      |      |      |      |             |      |      |      |
| Inner Jacket          | Polyethylene - Black                                    |      |      |      |      |      |      |      |             |      |      |      |
| Armour                | Corrugated Steel Armour                                 |      |      |      |      |      |      |      |             |      |      |      |
| Outer Jacket          | Polyethylene - Black                                    |      |      |      |      |      |      |      |             |      |      |      |
| Weight (Kg/Km)        | 176                                                     | 176  | 177  | 177  | 177  | 178  | 203  | 179  | 209         | 293  | 299  | 298  |
| Outer Ø (mm ±0.5)     | 14.0                                                    | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 15.5 | 14.0 | 15.5        | 18.5 | 18.0 | 18.5 |
| Max. Tensile Load (N) | 1000 (Operating) / 1800 (Installation)                  |      |      |      |      |      |      |      | 1500 / 2700 |      |      |      |
| Max. Crush (N/dm)     | 4000 (IEC 60794-1-21 E3)                                |      |      |      |      |      |      |      |             |      |      |      |
| Watertightness        | Yes (3m / 24h / 1m / Optical Core / IEC 60794-1-22 F5B) |      |      |      |      |      |      |      |             |      |      |      |
| Temperature Range     | -40°C to +70°C (IEC 60794-1-22 F1)                      |      |      |      |      |      |      |      |             |      |      |      |
| Min. Bending Radius   | 20 x Outer Ø (IEC 60794-1-21 E11)                       |      |      |      |      |      |      |      |             |      |      |      |

#### Standards

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

Fibres colour code: Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White - Pink - Black - Turquoise.

Tubes colour code: Red - Green - Natural - ... - Natural. Passive tubes colour Black.