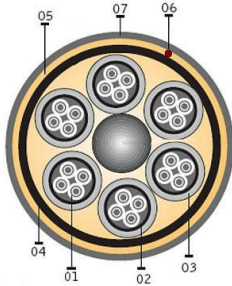




# CDAM Subcables

## Metallic Armoured Distribution Cable (16 – 48 FO)



### Cable Description

- 01. Central Element (GRP)
- 02. Tight Buffer Fibre (0.9 mm)
- 03. Strength Members
- 04. Jacket (Subcables)
- 05. Inner Jacket
- 06. Metallic Armour
- 07. Outer Jacket

### Applications

Universal (Indoor / Outdoor)

### Rodent protection

Excellent rodent resistance

### Options

Jackets: PVC / PU  
 Special colour code

### Fire resistance

Flame retardant (IEC 60332-1 / ET 60332-3)  
 Halogen free (IEC 60754-1/-2)  
 Low Smoke emission (IEC 61034-2)

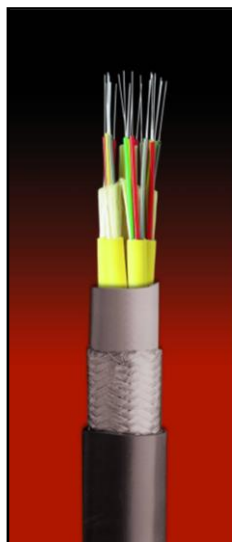
### CPR Classification (Euroclass)(\*)

Reaction to Fire: Dca, s2, d2, a1  
 Declaration Code: DOP02350

(\*) Available up to 24 FO

### Advantages

Compact / Tough / Resistant / Easy to strip (gel free) / Direct connectorization / Saves installation costs / Excellent Rodent Protection.



MOISTURE PROTECTED



ULTRAVIOLET RESISTANCE



RODENT PROTECTION



FLAME RETARDANT



LOW SMOKE EMISSION



HALOGEN FREE

	SPECIFICATIONS				
<b>Fibres</b>	16	24	32	36	48
<b>Strength Members</b>	Aramid Yarns				
<b>Construction (Fibres / Subcables)</b>	4 / 4	4 / 6	8 / 4	12 / 3 +1R	12 / 4
<b>Subcables Jacket</b>	LSZH <sup>1</sup>				
<b>Identification</b>	Numbers				
<b>Inner Jacket</b>	LSZH <sup>1</sup>				
<b>Armour</b>	Steel Wires Braid				
<b>Outer Jacket</b>	LSZH <sup>1</sup>				
<b>Colour</b>	Black				
<b>Weight (Kg/Km)</b>	180	241	263	288	288
<b>Outer Ø (mm)</b>	13.2 ± 0.5	15.3 ± 0.5	17.2 ± 0.5	18.4 ± 0.5	18.4 ± 0.5
<b>Tensile Load Perm / Inst (N)</b>	900 / 1600	1200 / 2150	1500 / 2700	1650 / 2950	2300 / 4000
<b>Max. Crush (N/dm)</b>	1500 (IEC 60794-1-21 E3)				
<b>Temperature Range</b>	-20°C to +70°C (IEC 60794-1-22 F1)				
<b>Min. Bending Radius (mm)</b>	20 x Outer Ø (IEC 60794-1-21 E11)				
<b>Maximum Length (m)</b>	1800				

### Standards

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

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

<sup>1</sup>LSZH – Halogen free, low smoke and flame retardant thermoplastic compound.

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