

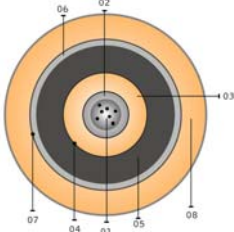
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OPTRAL

DPSP-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 (KPSP-1 Type)
Special colour code (TIA 598)



Advantages

Compact / Tough / Resistant / Watertight / Excellent resistance to friction / Suitable for "blown air" system / Excellent resistance to rodents.



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	4.5 ± 0.2
Strength Members	Fiberglass Reinforced WB (Waterblocking)	
Inner jacket	Lineal Low Density Polyethylene	
Armour	Corrugated Steel Armour	
Outer jacket	Lineal Low Density Polyethylene	
Colour	Black	
Weight (Kg/Km)	95	135
Outer Ø (mm)	9.6 ± 0.3	12.6 ± 0.5
Tensile Load Perm / Inst (N)	1500 / 2700	
Crush (N)	2000	
Temperature Range	-40° C to +70°C	
Min. Bending Radius	20 x Outer Ø	
Maximum Length	4000 m	2000 m

Standards

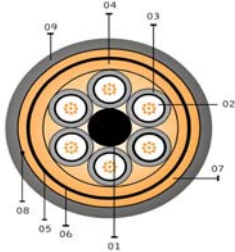
Environmental and mechanical tests according to EN 187000 and CEI 60794.

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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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 (KPSP Type)
Special colour code (TIA 598)

Advantages

Compact / Tough / Resistant / Excellent resistance to friction / Suitable for "blown air" system / Excellent rodent protection.



MOISTURE PROTECTED



WATERTIGHT



LOW FRICTION



ULTRAVIOLET RESISTANCE



RODENT PROTECTION



HALOGEN FREE

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	8	8	12	12	8	12
Total Tubes	4	4	6	6	6	8	8	8	18	14
Active Tubes	4	4	4	6	6	8	6	8	16	12
Strength Members	Reinforced Fiberglass Yarns WB (Waterblocking)									
Inner jacket	Lineal Low Density Polyethylene									
Armour	Corrugated Steel Armour									
Outer jacket	Lineal Low Density Polyethylene									
Colour	Black									
Weight (Kg/Km)	140	141	191	195	196	274	265	272	336	327
Outer Ø (mm)	12.5 ±0.5	12.5 ±0.5	15.3 ±0.5	15.3 ±0.5	15.3 ±0.5	18.3 ±0.5	18.3 ±0.5	18.3 ±0.5	21.4 ±0.5	21.4 ±0.5
Tensile Load Perm / Inst (N)	2000 / 3600									
Crush (N)	3000									
Maximum Length (m)	4200	4200	3100	3100	3100	2100	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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