

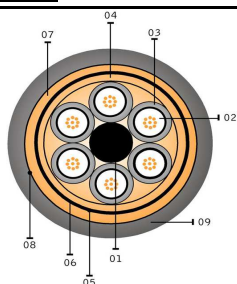
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OPTRAL

DTST / A-DQ(ZN)H(SR)H



Corrugated Steel 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. Armour
- 08. Ripcord
- 09. Outer Jacket

Applications

Outdoor

Rodent protection

Excellent rodent resistance

Options

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

Fire resistance

Flame retardant (IEC 60332-3)
Halogen free (IEC 60754-1/-2)
Low smoke emission (IEC 61034-1/2)
Fire resistant (IEC60331-25, 90min)

Advantages

Compact / Tough / Resistant / Excellent rodent protection.



MOISTURE PROTECTED



WATERTIGHT



ULTRAVIOLET RESISTANCE



RODENT PROTECTION



FLAME RETARDANT



LOW SMOKE EMISSION



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	12
Active Tubes	4	4	4	6	6	8	6	8	16	12
Strength Members	Reinforced Fiberglass Yarns WB (Waterblocking)									
Inner jacket	Thermoplastic LSZH ¹									
Armour	Corrugated Steel Armour									
Outer jacket	Thermoplastic LSZH ¹									
Colour	Dark Grey									
Weight (Kg/Km)	186	187	245	250	250	340	335	341	328	353
Outer Ø (mm)	13.0 ±0.5	13.0 ±0.5	15.5 ±0.5	15.5 ±0.5	15.5 ±0.5	18.0 ±0.5	18.0 ±0.5	18.0 ±0.5	18.0 ±0.5	18.0 ±0.5
Tensile Load Perm / Inst (N)	2000 / 3600									
Crush (N/100mm)	3000									
Maximum Length (m)	5500	5500	4000	4000	4000	3000	3000	3000	3000	3000
Temperature Range	-30°C to +70°C									
Min. Bending Radius	20 x Outer Ø									

Standards

Environmental and mechanical tests according to EN187000, IEC 60794-1-2.

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

¹ LSZH – Halogen free, low smoke and flame retardant thermoplastic compound.

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Ref.: ETW.87.012/07

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