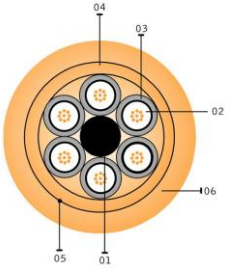




DP / A-DQ(ZN)2Y
Dielectric Multitube Cable



- Cable description**
01. Central Element (GRP)
02. Fibre Optics
03. Loose Tubes (Gel filled)
04. Reinforced Fibreglass – WB
05. Ripcord
06. Outer Jacket

Applications
 Outdoor

Rodent protection
 Rodent protected

Options
 Traction elements: Aramid (KP type)
 Special Colour Code (EIA/TIA 598)

CPR Classification (Euroclass)
 Reaction to Fire: Fca
 Declaration Code: DOP03100

Advantages
 High density of fibres / Compact / Completely dielectric / Excellent resistance to friction / Suitable for “air blowing” systems / Watertight



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

SPECIFICATIONS

Total Fibres	12	16	24	32	36	48	60	64	72	96	128
Fibres Tube	12	8	12	8	12	12	12	8	12	12	8
Total / Active Tubes	6 / 1	6 / 2	6 / 2	6 / 4	6 / 3	6 / 4	6 / 5	8 / 8	6 / 6	8 / 8	18 / 16
Ø Loose Tubes (mm)	1.7 ±0.1										
Strength Elements	Reinforced Fibreglass Yarns WB (Waterblocking)										
Outer Jacket	Polyethylene										
Jacket Colour	Black										
Water Penetration	Pass (3m / 1m / 24h / IEC 60794-1-22 F5B)										
Weight (Kg/Km)	73	74	74	74	75	76	76	103	77	105	127
Outer Ø (mm)	8.9 ±0.3	8.9 ±0.3	8.9 ±0.3	8.9 ±0.3	8.9 ±0.3	8.9 ±0.3	8.9 ±0.3	9.8 ±0.5	8.9 ±0.3	9.8 ±0.5	12.0 ±0.5
Max. Tensile Load (N)	1000 (Operating) / 1800 (Installation)						1500 (Operating) / 2700 (Installation)				
Max. Crush (N/dm)	2000 (IEC 60794-1-21 E3)										
Temperature Range	-40°C to +70°C (IEC 60794-1-22 F1)										
Min. Bending Radius (mm)	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.
 Tube colour code: Red – Green – Natural - - Natural. Passive tubes colour black.

OPTRAL

SPECIFICATIONS								
Total Fibres	144	168	192	216	256	288	432	576
Fibres Tube	12	12	12	12	16	24	24	24
Total / Active Tubes	12 / 12	18 / 14	18 / 16	18 / 18	18 / 16	12 / 12	18 / 18	24 / 24
Ø Loose Tubes (mm)	1.7 ±0.1				2.1 ±0.1	2.8 ±0.1		
Strength Elements	Reinforced Fibreglass Yarns WB (Waterblocking)							
Outer Jacket	Polyethylene							
Jacket Colour	Black							
Water Penetration	Pass (3m / 1m / 24h / IEC 60794-1-22 F5B)							
Weight (Kg/Km)	133	129	130	132	176	280	260	353
Outer Ø (mm)	12.0 ±0.5	12.4 ±0.5	12.4 ±0.5	12.4 ±0.5	14.0 ±0.5	17.2 ±0.5	17.6 ±0.5	20.0 ±0.5
Max. Tensile Load (N)	1500 (Operating) / 2700 (Installation)							
Max. Crush (N/dm)	2000 (IEC 60794-1-21 E3)							
Temperature Range	-40°C to +70°C (IEC 60794-1-22 F1)							
Min. Bending Radius (mm)	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. With black ring: Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White - Pink - Black - Turquoise.

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

Tubes colour code (576FO cable): **Inner layer (9 Tubes)** = Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White. **Outer layer (15 tubes)** = Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White - Pink - Black - Turquoise - Light Green - Red (with ring) - Green (with ring).

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