





FIBER OPTIC DROP CABLE FLAT, FIGURE-8 TYPE. 1, 2, 4 CORES, WITH FRP MESSENGER, REINFORCED BY FRP RODS FOR OUTDOOR (AERIAL) DEPLOYMENT


Cable Description

-  — MESSENGER WIRE: FRP ROD
-  — STRENGTH MEMBER: FRP ROD
-  — OPTICAL FIBER
-  — OUTER SHEATH: BLACK LSZH



Applications

 Applied outdoor
distribution on the
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 Applied indoor
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of a building.

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Features



Perfect for indoor distribu-
tion networks of fiber optics



High connecting usability,
easy access to the fiber core



Full dielectric



High flexibility design



Fire redundant protection



UV radiation



Tensile load rating – 1.8 kN



Crushing load of cable –
2.2 kN/100mm



Minimum diam
weight of drc

Technical Data

Item	Value (N)		
	1 fiber	2 fibers	4 fibers
Self-supporting. Strength member material	FRP	FRP	FRP
Self-supporting. Strength member diameter (mm)	1.0	1.0	1.0
Strength member material	FRP	FRP	FRP
Strength member diameter (mm)	0.50	0.50	0.50
Sheath thickness (mm)	≥0.40	≥0.40	≥0.40
Cable diameter (mm)	2.0 × 5.2(±0.1)	2.0 × 5.2(±0.1)	2.0 × 5.2(±0.1)
Cable weight (kg/km)	14.5	15.0	16.0
Operating temperature range (°C)	-50 ~ +70	-50 ~ +70	-50 ~ +70
Tensile strength short/long term (N)	1800/700	1800/700	1800/700
Crush resistance short/long term (N/100mm)	2200/1000	2200/1000	2200/1000
	G.657.A1/A2	G.652.D	
Min. bending radius (rip off the messenger wire) dynamic/static (mm)	10/25	30/60	
Min. bending radius (mm)	120	120	