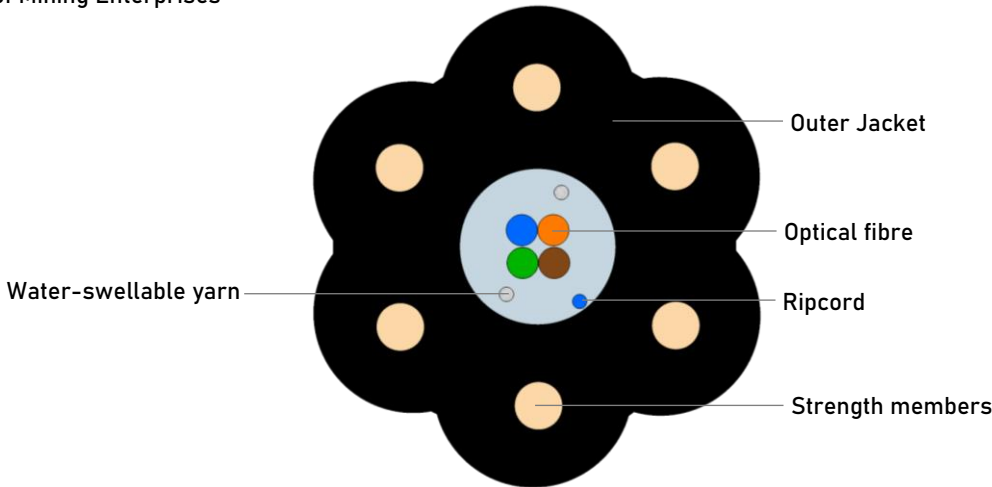


Outdoor Sensitive Star Detection Cable

Special fiber optic cable for Acoustic Sensing System. Suitable for installation on the fence and directly into the ground.

Applications Areas:

- Industrial, Residential and Commercial Sites Security Military, Public and Private Facilities Security Airports, Railways and Highways Security
- Power Plants Security
- Border Security
- Security of Mining Enterprises



Max. fiber count	4
Fiber Type	G.657.A1, G.657.A2
Fiber colour	Blue, Orange, Green, Brown
Water protection	Water-swellable yarn
Strength members	FRP Rods
Ripcord	1x under outer jacket
Outer jacket	UV resistant black HDPE with chemical protection against rodents and termites

Nominal outer diameter	4.1	[mm]	
Max. Tensile Loading (Short Term)	200	[N]	EN 60794-1-21-E1
Max. Tensile Loading (Long Term)	65	[N]	EN 60794-1-21-E1
Max. compressive loading	1000	[N/100mm]	EN 60794-1-21-E3
Max. Impact loading	5	[Nm]	EN 60794-1-21-E4
Min. bend radius (not load)	190	[mm]	EN 60794-1-21-E11
Min. bend radius (load)	250	[mm]	EN 60794-1-21-E11
Operating temperature range	-40 to +70	[°C]	EN 60794-1-22-F1
Storage temperature range	-40 to +70	[°C]	EN 60794-1-22-F1
Installation temperature range	-15 to +50	[°C]	EN 60794-1-22-F1
Water tightness	No water detected on free end		EN 60794-1-22-F5
Cable Weight	11	[kg/km]	
Class of fire reaction	F _{ca}		EN 13501-6

Attenuation @Wavelength	1310 / 1550 [nm]
Typical Attenuation	0.33 / 0.23 [dB/km]
Maximum Attenuation	0.45 / 0.38 [dB/km]

Cable Code (Ordering Code)

2 Fibers OPK-O-DRPC003-2(2x0.25)FFTP-xx-BK

4 Fibers OPK-O-DRPC003-4(4x0.25)FFTP-xx-BK

xx - fiber type (see Cable code datasheet)

Print legend Manufacturer -cable type - lot number- length marking (customer print legend available on request)
Delivery length 1000 m, 2100 m ±5% on plywood reel