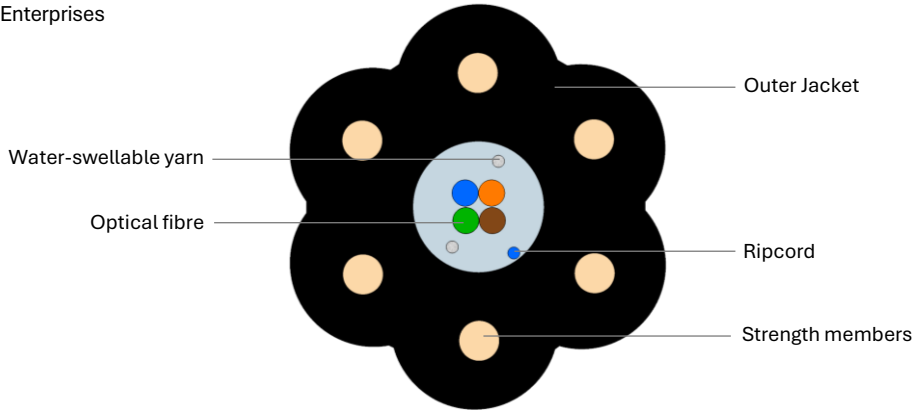


Outdoor Sensitive Star Detection Cable

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



Picture not to scale. For illustration only.

Fibre Type	G.657.A1, G.657.A2
Fibre colour	EIA/TIA-598A
Tube colour	EIA/TIA-598A
Strength members	FRP rods (coated if necessary)
Water protection	Water-swellable yarn
Ripcord	1x under outer jacket
Outer jacket material	UV resistant Black HDPE with chemical protection against rodents and termites

	2	4	
Number of fibres	2	4	
Number of fibres in tube	1	1	
Tube count (layers)	2	4	
Tube diameter (mm)	0.25	0.25	
Nominal outer diameter (mm)	4.1	4.1	
Calc. cable weight (kg/km)	11	11	
Attenuation @ Wavelength (nm)	1310	1550	
Typical Attenuation (dB / km)	0.33	0.23	
Maximum Attenuation (dB / km)	0.45	0.38	
Short-term tensile strength (N)	200	200	IEC 60794-1-101
Long-term tensile strength (N)	65	65	IEC 60794-1-101
Short-term crush resistance (N/100 mm)		1000	IEC 60794-1-103
Max. impact loading (Nm)		5	IEC 60794-1-104
Min. bend radius not load (OD)		190	IEC 60794-1-111
Min. bend radius load (OD)		250	IEC 60794-1-111
Operating temperature range (°C)		-40 to +70	IEC 60794-1-201
Storage temperature range (°C)		-40 to +70	IEC 60794-1-201
Installation temperature range (°C)		- 15 to +50	IEC 60794-1-201
Water tightness (1 m / 24 hrs.)		No leakage	IEC 60794-1-205
Class of fire reaction		Fca	EN 50575, EN 13501-6

Number of Fibers	Cable Code (Ordering Code)	Delivery length	Packing
2	OPK-U-DRPC003-2(2x0.25)FFTP-xx-BK	1000 m ± 5% , 2100 m ± 5%	Solid wooden non-returnable drum
4	OPK-U-DRPC003-4(4x0.25)FFTP-xx-BK	1000 m ± 5% , 2100 m ± 5%	Solid wooden non-returnable drum

xx – fibre type , yy – jacket colour (see Cable code datasheet)

Print legend: Manufacturer - Cable type – lot number- length marking per 1 m (customer print legend available on request)

Note: Cable marking using the Hot-foil method is done in white. If overprinting is necessary, the color of the text is yellow.