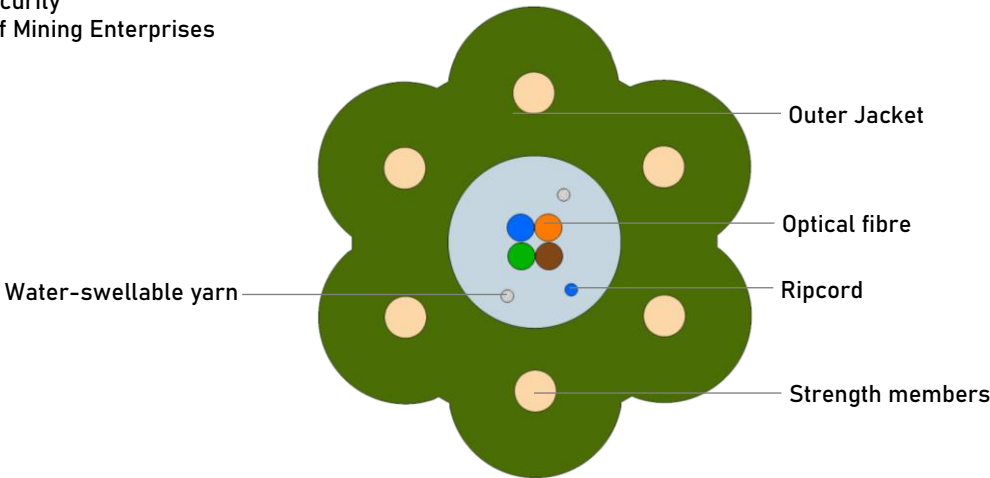


Universal Sensitive Star Detection Cable

Special fiber optic cable for Acoustic Sensing System. Suitable for installation on the fence and into underground grooves with a silica sand bed.

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	Halogen-free flame-retardant thermoplastic compound
Outer jacket colour	Olive Green RAL6003, Beige RAL1001

Nominal outer diameter	4.5	[mm]	
Max. Tensile Loading (Short Term)	200	[N]	EN 60794-1-21-E1
Max. Tensile Loading (Long Term)	60	[N]	EN 60794-1-21-E1
Max. Compressive loading	500	[N/100mm]	EN 60794-1-21-E3
Max. Impact loading	2	[Nm]	EN 60794-1-21-E4
Min. bend radius (not load)	55	[mm]	EN 60794-1-21-E11
Min. bend radius (load)	150	[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	-5 to +50	[°C]	EN 60794-1-22-F1
Water tightness	No water detected on free end		EN 60794-1-22-F5
Cable Weight	18.8	[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	0.4 / 0.35	[dB/km]	

Cable Code (Ordering Code)

2 Fibers OPK-U-DRPC003-2(2x0.25)FFTH-xx-BK

4 Fibers OPK-U-DRPC003-4(4x0.25)FFTH-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