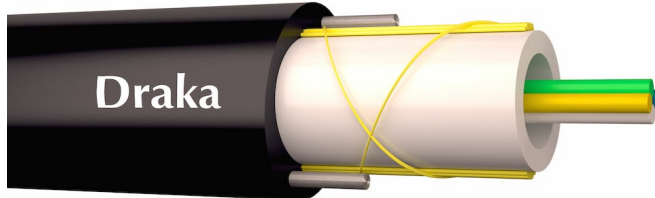


FYO2PMU FTTH

Direct buried fibre optic cable



GENERAL INFO

APPLICATION

Fibre optic drop cable for Fibre-to-the Home applications, for direct burial and duct installations, especially for connecting one family house to optical access network. Suitable for installation by ploughing, pulling or air blowing. Central tube construction with high crush strength, designed to tolerate the stresses caused by frozen soil.

Declaration of Performance (DoP)

No CPR-Class

Identification of cores

Colour coding FIN2012

CERTIFICATIONS AND DESIGN STANDARDS

IEC 60794-3-10

IEC 60794-1

CABLE DESIGN

Range	4 to 24 fibres
With strain relief	Yes
Longitudinal water blocking cable	Yes
Radial water blocking cable	Yes
Outer sheath	Polyethylene (PE)
Type of tube	Central tube

APPLICATION PROPERTIES

Permitted cable outer temperature after assembling without vibration (min) [°C]	-45
Permitted cable outer temperature after assembling without vibration (max) [°C]	70
Crush (acc. IEC 60794-1-21, E3) [N/10cm]	5,000
UV resistant	Yes
Permitted cable outer temperature during assembling/handling (min) [°C]	-15
Permitted cable outer temperature during assembling/handling (max) [°C]	60
Underground installation	Yes
Minimum permissible bending radius during laying	20 x cable diameter under maximum tension 15 x cable diameter without tension
Blow in	Yes

PRODUCT RANGE

Product description (short)	Snro	Diameter over cable [mm]	Max. tensile strength during installation [kN]	Weight [kg/km]	Packaging type	Standard delivery length
4xSM	0242901	9	3.5	86	Drum	2,000
6xSM	0242902	9	3.5	86	Drum	2,000
12xSM	0242903	9	3.5	86	Drum	2,000
2x12xSM	0242905	9	3.5	86	Drum	2,000