

FYO2PMU FIN2012

FYO2PMU 3.5 4xSML G652D

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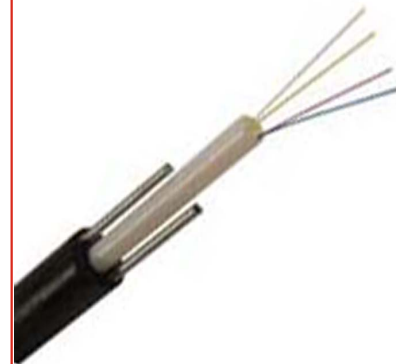
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FYO2PMU is a unitube fibre optical cable. The cable type is intended for use in regional, urban, and area property networks

DESCRIPTION

FYO2PMU is a unitube fiber optical cable and intended for outdoor use in ducts or direct buried. The tube is 3.5mm or 4.8mm. The design incorporates 4-24 fiber in a unitube. The individually colored fibers are grouped with color threads up to 12f.. The cable is longitudinal water-blocked through the use of polymeric filling compound. Strength member (steel rods) is used for mechanical protection. The cable has an outer sheath of halogen- free black polyethylene



STANDARDS

International IEC 60793;
IEC 60794; IEC 60794-1; ITU-
T Rec. G.652



Halogen free
Yes



Operating temp.
-45 .. 70 °C



Ambient installation T°C range
-15 .. 60 °C



Storage temperature, range
-45 .. 70 °C



Bending factor installed
10 (xD)



Dynamic bending factor
15 (xD)

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The Nexans logo consists of a stylized red 'N' followed by the word 'nexans' in a black, lowercase, sans-serif font.

CHARACTERISTICS

Construction characteristics

Construction type	Unitube
Fiber optic type	SM (G.652D)
Outer sheath	LLDPE
Sheath colour	Black
Halogen free	Yes
Metal free	No
Length water tightness Tube	Jelly
Additional strength member	Steel wires

Dimensional characteristics

Number of optical fibres	4
Nominal outer diameter	8.3 mm
Tube diameter	3.5 mm
Number of optical fibres, range	4 .. 24
Nominal outer sheath thickness	2.4 mm
Approximate weight	75 kg/m
Additional Strength member size	1.4 mm
Max. number of fibres per tube	4

Mechanical characteristics

Impact resistance (EN 187 000)	20 J
Maximum Pulling Tension	3.5 kN
Crush resistance (EN 187 000)	4 kN

Usage characteristics

Installation type	Outdoor - Duct
Operating temperature, range	-45 .. 70 °C
Ambient installation temperature, range	-15 .. 60 °C
Storage temperature, range	-45 .. 70 °C
Bending factor when installed	10 (xD)
Dynamic bending factor	15 (xD)