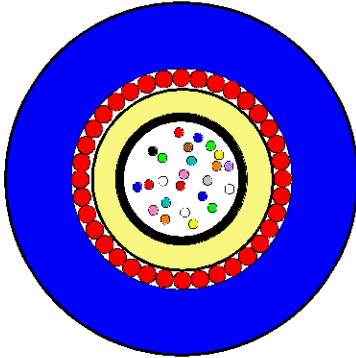


Nte fire survival cable

Application

Fire survival cable up to 24 optical fibres in accordance with IEC 60331-25

Construction



- Optical fibre
- Jelly
- Stainless steel tube \varnothing 2.4/2.8 mm
- LSZH sheath \varnothing 4 mm
- Swelling tape
- Steel wire armour 40/100e
- LSZH sheath \varnothing 8 \pm 0.3 mm

Color Coding

Fibres ★

External Sheath

1 Red	2 Blue	3 Green	Blue
4 Yellow	5 Purple	6 Natural	
7 Orange	8 Grey	9 Brown	
10 Black	11 Turquoise	12 Pink	
13 Red	14 Blue	15 Green	
16 Yellow	17 Natural	18 Orange	
19 Turquoise	20 Pink	21 White	
22 Red	23 Blue	24 Green	

★ Fibres 1 to 12 :Fibres without ring
 Fibres 13 to 21 :Fibres with 1 ring per each 50 mm
 Fibres 22 to 24 : with 1 ring per each 25 mm
 For mixed cables(Multi/single-mode), the first fibres are multi-mode

Standard Identification and Metre Marking

XX DRAYA FOPTICA YY F0 NN Z

XX : Manufacturing year
 YY : Number of fibres in the cable
 ZZ : UNI for singlemode optical fibres 50/125 or 62.5/125 for multimode optical fibres

Characteristics

Optical

Following fibre optic data sheet

Mechanical (following IEC 794-1)

Measuring methods	Standard	Unit	Value
Cable weight		kg/km	110
Static and dynamic bend radius		mm	160
Storage and working temperature	IEC 794-1-F1	°C	-40 +85
Tensile performance	IEC 794-1-E1	daN	200
Longitudinally waterproof	IEC 794-1-F5		pass
Fire resistance	IEC 331 IEC-332-1		pass