

PTS-HF

Telecom indoor and outdoor installation HFFR-LS cable with a screen intended for use in phone and control plants.

DESCRIPTION

CONSTRUCTION

Polyethylene-insulated, screened electronic and signalling cable with halogen free, flame retardant sheath. The cable is used as a signalling cable in systems for alarm transmission when screen is required. Is intended for fixed installation indoors and outdoors but not in ground or water. The cable has protection against exposure of UV-light. Fire performance according to CPR class DcaS2d2a2.

QUALITY AND ENVIRONMENTAL SYSTEM

Construction, production and testing are made according to ISO 9001 and 14001.



STANDARDS

International IEC 60332-1;
IEC 60754-2; IEC 61034-2;
Nexans specification



Conductor flexibility
Solid class 1



Halogen free
Yes



Ambient installation T°C range
-10 ... 40 °C



Operating temp.
-40 ... 70 °C

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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CHARACTERISTICS

Construction characteristics

Conductor flexibility	Solid class 1
Conductor material	Tinned annealed copper
Drain wire	Tinned copper
Halogen free	Yes
Insulation	PE
Material of bedding	PETP-foil
Outer sheath	LSZH
Screen	Aluminium tape
Twisted	Yes

Dimensional characteristics

Average insulation thickness	0.2 mm
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Electrical characteristics

Max. capacity pair / core to core	75 nF/km
Nominal resistance of the conductor	61.00 Ohm/km
Operating Voltage Vo DC	75 V
Operating voltage Vo AC	50 V

Usage characteristics

Ambient installation temperature, range	-10 ... 40 °C
Operating temperature, range	-40 ... 70 °C

PRODUCT LIST

Nexans Ref.	Country Ref.	Name	Sheath colour	Number of pairs	Nominal outer diameter [mm]
 37152141	7330000082571	PTS-HF 1x2x0.6	White	1	3.9
 37152171	7330000082588	PTS-HF 1x2x0.6	White	1	3.9
 37152241	7330000082618	PTS-HF 2x2x0.6	White	2	5.3
 37152271	7330000082625	PTS-HF 2x2x0.6	White	2	5.3
 37152341	7330000082632	PTS-HF 3x2x0.6	White	3	5.5
 37152371	7330000082649	PTS-HF 3x2x0.6	White	3	5.5
 37152441	7330000082656	PTS-HF 4x2x0.6	White	4	6.0
 37152471	7330000082663	PTS-HF 4x2x0.6	White	4	6.0
 37152041	7330000082595	PTS-HF 1x4x0.6	White	0	4.1
 37152071	7330000082601	PTS-HF 1x4x0.6	White	0	4.1
 37152471-848-05	7330000134713	CTS PTS-HF/UV 4x2x0.6	Brown	4	6.0
 37154041	7330000131323	PTS-HF 6x2x0.6	White	6	6.4
 37154071-802-05	7330000131330	PTS-HF 6x2x0.6	White	6	6.4
 37154141	7330000133013	PTS-HF 8x2x0.6	White	8	6.0
 37154171	7330000133020	PTS-HF 8x2x0.6	White	8	6.0

 = Make to order,  = In stock,

PTS-HF

Nexans Ref.	Country Ref.	Name	Sheath colour	Number of pairs	Nominal outer diameter [mm]
 37154241	7330000131378	PTS-HF 10x2x0.6	White	10	7.8
 37154271	7330000131361	PTS-HF 10x2x0.6	White	10	7.8
 37154398	7330000133006	PTS-HF 20x2x0.6	White	20	6.0
 37182441	7330000135178	PTS-HF 4x2x0.8	White	4	6.5
 37182471	7330000135185	PTS-HF 4x2x0.8	White	4	6.5
 37152271-804-05	7330000135420	CTS PTS-HF/UV 2x2x0.6	Blue	2	5.3
 37152271-848-05	7330000134799	CTS PTS-HF/UV 2x2x0.6	Brown	2	5.3
 37152371-804-05	7330000135437	CTS PTS-HF/UV 3x2x0.6	Blue	3	5.5
 37152371-848-05	7330000135444	CTS PTS-HF/UV 3x2x0.6	Brown	3	5.5
 37152471-804-05	7330000135468	CTS PTS-HF/UV 4x2x0.6	Blue	4	6.0

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SELLING AND DELIVERY INFORMATION

PTS-HF is delivered in reels of 100 m and drums of 500 m.