

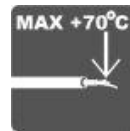
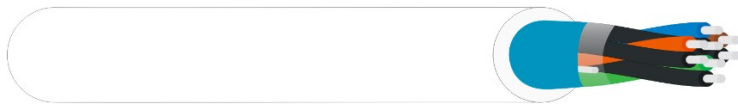
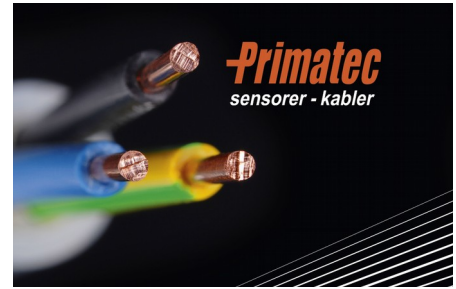
PT-HF

PTS-HF (screened)

Spec. No.

TT1-7378 22.08.2018

Halogen free telecommunication cables



CONSTRUCTION

Conductors:	solid, tinned Cu wire Ø 0.6mm
Insulation:	solid polyethylene (thickness of insulation sufficient to fulfil the parameters requirements)
Cable core wrapping:	polyester tape (thickness min. 0.023mm)
Drain wire (for PTS-HF):	tinned Cu wire Ø 0.5mm
Screen (for PTS-HF):	aluminium/polyester tape (thickness min. 0.012/0.012mm)
Outer sheath:	LSOH

CHARACTERISTIC

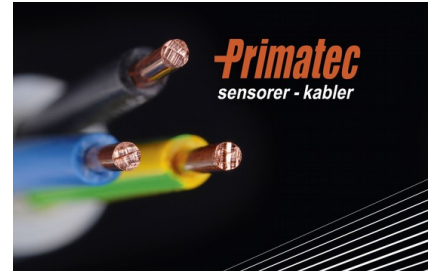
Colours of insulation:	<table border="1"> <thead> <tr> <th>pair</th> <th>"a" wire</th> <th>"a" wire</th> </tr> </thead> <tbody> <tr><td>1</td><td>black</td><td>blue</td></tr> <tr><td>2</td><td>black</td><td>orange</td></tr> <tr><td>3</td><td>black</td><td>green</td></tr> <tr><td>4</td><td>black</td><td>brown</td></tr> <tr><td>5</td><td>black</td><td>grey</td></tr> <tr><td>6</td><td>blue</td><td>blue</td></tr> <tr><td>7</td><td>blue</td><td>orange</td></tr> <tr><td>8</td><td>blue</td><td>green</td></tr> <tr><td>9</td><td>blue</td><td>brown</td></tr> <tr><td>10</td><td>blue</td><td>grey</td></tr> </tbody> </table>	pair	"a" wire	"a" wire	1	black	blue	2	black	orange	3	black	green	4	black	brown	5	black	grey	6	blue	blue	7	blue	orange	8	blue	green	9	blue	brown	10	blue	grey
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Binding tapes of cables core and central unit:	colourless																																	

PT-HF

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Colour of sheath:	white
Maximum conductor operating temperature:	+70°C
Lowest installation temperature:	-5°C
Minimum bending radius:	7 x D, D – overall diameter
Voltage rating (low current applications):	100V

APPLICATIONS

Halogen free telecommunication cables are used in low voltage systems, for indoor use.

ELECTRICAL PARAMETERS at 20°C

Wire resistance (max):	Ohm/km	67.9
Insulation resistance (min.):	MOhm·km	500
Mutual capacitance at 800Hz (max):	nF/km	80
Capacitance unbalance at 800Hz, pair-pair (max):	pF/km	800

Size	Minimum thickness of sheath	Nominal overall diameter of cable	Approx. weight of cable
n x 2 x mm	mm	mm	kg / km
PT-HF			
1 x 2 x 0.6	0.6	3.8	18
2 x 2 x 0.6*	0.6	4.3	26
3 x 2 x 0.6	0.6	5.5	37
4 x 2 x 0.6	0.6	6.0	45
6 x 2 x 0.6	0.6	7.0	60
10 x 2 x 0.6	0.6	8.3	90
PTS-HF			
1 x 2 x 0.6	0.6	4.1	22
2 x 2 x 0.6*	0.6	4.6	30
3 x 2 x 0.6	0.6	5.8	42
4 x 2 x 0.6	0.6	6.3	49
6 x 2 x 0.6	0.6	7.3	65
10 x 2 x 0.6	0.6	8.6	95

* two pair cable stranded as a quad

El-nummer	PTS-HF
1023598	6 x 2 x 0,6
1023599	10 x 2 x 0,6

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