


## STRUCTURE

	<b>INNER CONDUCTOR</b>	Plain Copper	0.80	Ø mm
	<b>DIELECTRIC</b>	Gas Injected Skin-Foam-Skin Polyethylene	3.65	Ø mm ± 0.10
	<b>SHIELD</b>	Aluminium + Polyester + Aluminium Tape Coverage 100 %	0.15	mm
	<b>BRAID</b>	Tinned Copper Coverage 88%	96 x 0.15	mm
	<b>SHEATH</b>	Flame Retardant Polyvinyl-Chloride Colour Blue	5.90	Ø mm ± 0.10

## ELECTRICAL DATA at 20 °C

<b>Impedance</b>	75 Ohm ± 3
<b>Capacitance</b>	53 pF/m
<b>Velocity ratio</b>	84 %
<b>Resistance</b>	
- inner conductor	35 Ohm/km
- braid	11 Ohm/km
<b>Tension</b>	
- sheat spark testing	4.0 kV

## MECHANICAL DATA

<b>Cable weight</b>	48.1 kg/km
- copper	21.8
- plastic	24.9
<b>Minimum bending radius</b>	
- single	Ext x 5
- repeated	Ext x 10
<b>Temperature range</b>	-25 ... +80 °C

## Attenuations dB/100m · Max. power rating W

MHz	5	10	50	100	200	470	600	862	1000	1350	1500	1750	2150	2400	3000
dB	1.6	2.2	5.4	7.6	10.6	16.4	18.9	22.7	25.0	29.4	31.5	33.9	38.1	43.7	46.0

## Structural return loss dB

MHz	30 - 470	470 - 862	862 - 2150	2150 - 3000
dB	> 33	> 30	> 26	> 22

## Screening effectiveness dB

MHz	30 - 1000	1000 - 2000	2000 - 3000
dB	> 90	> 80	> 70

If not otherwise declared, all values are nominal. Changes in design and construction due to technical progress without notice.

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