


## STRUCTURE

	<b>INNER CONDUCTOR</b>	Plain Copper	7 x 0.20	Ø mm
	<b>DIELECTRIC</b>	Low Density Polyethylene	3.70	Ø mm ± 0.10
	<b>SHIELD</b>	Aluminium + Polyester + Aluminium Tape Coverage 100 %	0.18	mm
	<b>BRAID</b>	Plain Copper Coverage 91%	168 x 0.10	mm
	<b>SHEATH</b>	Flame Retardant Non-Corrosive Thermoplastic Free of Halogens, Colour Black	6.20	Ø mm ± 0.20

## ELECTRICAL DATA at 20 °C

<b>Impedance</b>	75 Ohm ± 3
<b>Capacitance</b>	67 pF/m
<b>Velocity ratio</b>	66 %
<b>Resistance</b>	
- inner conductor	82.0 Ohm/km
- braid	10.0 Ohm/km
<b>Tension</b>	
- sheat spark testing	5.0 kV

## MECHANICAL DATA

<b>Cable weight</b>	51.4 kg/km
- copper	14.5
- plastic	35.2
<b>Minimum bending radius</b>	
- single	Ext x 5
- repeated	Ext x 10
<b>Temperature range</b>	-30 ... +70 °C

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

MHz	5	10	50	100	200	400	500	600	800	1000	1500	1750	2250	2500	3000
dB	2.6	3.3	7.3	10.8	15.3	21.9	25.1	27.4	32.0	36.3	46.0	50.5	58.7	62.4	70.7

### Structural return loss dB

MHz	30 - 300	300 - 600	600 - 1000	1000 - 2000	2000 - 3000
dB	> 30	> 25	> 22	> 20	> 16

### Screening effectiveness dB

MHz	100 - 900	900 - 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.