


## STRUCTURE

	<b>INNER CONDUCTOR</b>	Copper Clad Steel	7 x 0.16	mm
	<b>DIELECTRIC</b>	Low Density Polyethylene	1.50	∅ mm ± 0.08
	<b>BRAID</b>	Tinned Copper Coverage 88%	64 x 0.10	mm
	<b>SHEATH</b>	Flame Retardant Non-Corrosive Thermoplastic Free of Halogens, Colour Black	2.80	∅ mm ± 0.13

## ELECTRICAL DATA at 20 °C

<b>Impedance</b>	50 Ohm ± 2
<b>Capacitance</b>	100 pF/m
<b>Velocity ratio</b>	66 %
<b>Resistance</b>	
- inner conductor	282 Ohm/km
- braid	39 Ohm/km
<b>Tension</b>	
- sheat spark testing	2.0 kV

## MECHANICAL DATA

<b>Cable weight</b>	12.6 kg/km
- copper	5.9
- plastic	6.7
<b>Minimum bending radius</b>	
- single	Ext x 5
- repeated	Ext x 10
<b>Temperature range</b>	-40 ... +80 °C

### Attenuations dB/100m

MHz	5	10	50	100	200	400	500	600	800	1000
dB	7.4	9.5	17.5	25.8	38.2	54.9	63.1	68.6	77.0	87.5

### Structural return loss dB

MHz	30 - 300	300 - 600	600 - 1000
dB	> 27	> 23	> 21

### Screening effectiveness dB

MHz	100 - 900	900 - 2000	2000 -3000
dB	> 52	-	-

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