


## STRUCTURE

	<b>INNER CONDUCTOR</b>	Plain Copper	7 x 0.75	mm
	<b>DIELECTRIC</b>	Low Density Polyethylene	7.25	Ø mm ± 0.18
	<b>BRAID</b>	Plain Copper Coverage 97%	192 x 0.18	mm
	<b>SHEATH</b>	Polyvinyl-Chloride Colour Black	10.30	Ø mm ± 0.18

## 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	6 Ohm/km
- braid	4.4 Ohm/km
<b>Tension</b>	
- sheat spark testing	5.5 kV

## MECHANICAL DATA

<b>Cable weight</b>	163.5 kg/km
- copper	77.4
- plastic	86.1
<b>Minimum bending radius</b>	
- single	Ext x 5
- repeated	Ext x 10
<b>Temperature range</b>	-30 ... +70 °C

### Attenuations dB/100m

MHz	5	10	50	100	200	400	500	600	800	1000	1350	1500	1750	2150	2250	2500	2750	3000
dB	1.2	1.8	4.3	6.4	9.5	13.7	15.3	16.9	20.4	23.2	28.4	30.4	33.7	38.9	39.7	42.7	45.7	48.9

### Structural return loss dB

MHz	30 - 300	300 - 600	600 - 1000	1000 - 2000	2000 - 3000
dB	> 31	> 28	> 27	> 24	> 21

### Screening effectiveness dB

MHz	100 - 900	900 - 2000	2000 - 3000
dB	> 57	-	-

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