






STRUCTURE

	INNER CONDUCTOR	Silvered Copper	0.90	Ø mm ± 0.025
	DIELECTRIC	Low Density Polyethylene	2.95	Ø mm ± 0.10
	BRAID	Silvered Copper Coverage 96 %	112 x 0.13	mm
	BRAID	Silvered Copper Coverage 97%	112 x 0.13	mm
	SHEATH	Polyvinyl-Chloride Colour Black	5.40	Ø mm ± 0.10

ELECTRICAL DATA at 20 °C

Impedance	50 Ohm ± 2
Capacitance	100 pF/m
Velocity ratio	66 %
Resistance	
- inner conductor	28.0 Ohm/km
- braid	8.0 Ohm/km
Tension	
- sheat spark testing	3.5 kV

MECHANICAL DATA

Cable weight	59.9 kg/km
- copper	38.5
- plastic	21.4
Minimum bending radius	
- single	Ext x 5
- repeated	Ext x 10
Temperature range	-30 ... +70 °C

Attenuations dB/100m · Max. power rating W

MHz	5	10	30	50	150	220	450	600	800	900	1000	1500	1800	2000	2500	3000	5200	5800
dB	2.6	3.8	7.1	9.2	16.6	20.3	30.1	35.4	41.6	44.5	47.4	60.5	67.4	72.2	82.6	90.5	126.3	136.7
W	1131	800	462	358	207	171	119	103	89	84	80	65	60	57	51	46	35	34

Structural return loss dB

MHz	30 - 450	450 - 1000	1000 - 2000	2000 - 3000	3000 - 4000	4000 - 5800
dB	> 28	> 25	> 24	> 23	> 22	> 21

Screening effectiveness dB

MHz	100 - 900	900 - 2000	2000 - 3000
dB	> 78	-	-

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