


STRUCTURE

	INNER CONDUCTOR	Copper Clad Steel	7 x 0.16	mm
	DIELECTRIC	Low Density Polyethylene	1.50	∅ mm ± 0.08
	BRAID	Tinned Copper Coverage 88%	64 x 0.10	mm
	SHEATH	Polyvinyl-Chloride Colour Black	2.80	∅ mm ± 0.13

ELECTRICAL DATA at 20 °C

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

MECHANICAL DATA

Cable weight	12.5 kg/km
- copper	5.9
- plastic	6.6
Minimum bending radius	
- single	Ext x 5
- repeated	Ext x 10
Temperature range	-30 ... +70 °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.