

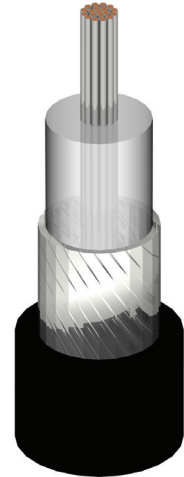
Alternatives:

PVC jacketed version,
RG 58:
36000-058-00

Construction:

Conductor
Dielectric
Braid
Jacket
Weight
Temperature rating (°C)
Order reference

Tin plated copper (19x0,18)* 0,90
Soild PE 2,95
Tin plated copper (0,13) 3,55
HFS 80 T, Black 4,95
36 kg/km
-25 / +80°C
36000-058-01



Notes:

All dimensions nominal (± 4%)
unless otherwise stated.
All dimensions in mm.

Electrical:

Impedance 50 ± 2 Ohms
Capacitance nom 101 pF/m
Velocity of signal propagation 66%
Signal delay 4,9 ns/m
Working voltage, AC r.m.s. 1400 max
Working voltage, DC 2800 max
Attenuation, typical values see table*
(nominal values at an air temperature of +20°C)
Power, typical values see table
(ambient temperature of 40°C at sea level and VSWR 1.0)
Suitable for frequencies up to 3 GHz
Shielding effectiveness typically -60dB/m

Attenuation	
MHz	dB/100m
100	16
200	23
400	35
900	55
1200	64
1500	72
1800	79
2000	84
2500	94

Environmental & Mechanical:

Minimum bend radius (MBR) single bend (installation) 25mm
Minimum bend radius (MBR) dynamic use 50mm

*Please note: Attenuation will be higher than stated on designs with TPC braid

Average Power	
MHz	W
100	200
200	141
400	90
900	58
1200	50
1500	45
1800	41
2000	39
2500	35

Data provided indicates nominal values unless stated otherwise and is only valid for reference purposes at the time of publication and is subject to change without prior notice. These products are manufactured generally in accordance with the Mil Spec. in terms of design parameters and performance. Habia are not qualified to release product to the appropriate QPL.

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Approved by: 