

Mechanical specifications

Type	: Coax H126
Inner Conductor	: 1.02 mm ± 0.005 mm Soft annealed copper
Dielectric	: GAS INJECTED FOAM PE
Diameter over dielectric	: 4.6 mm ± 0.1 mm
Outer Conductor	: AL-PET-AL bonded foil + tinned copper braiding
Coverage braiding	: 50%
Extra foil	: AL-PET foil with shortening fold
Diameter over screen	: 5.6 mm ± 0.15 mm
Sheath	: PVC
Diameter over sheath	: 6.90 mm ± 0.2 mm
Minimum setting radius	: 30 mm
Total weight	: 49 g/m
Copper contents	: 14 g/m

Electrical specifications

Characteristic impedance	: 75 ± 3 Ω
DC loop resistance	: ≤ 35.4 Ω/km
DC resistance inner conductor	: ≤ 21.9 Ω/km
DC resistance outer conductor	: ≤ 13.5 Ω/km
Capacitance	: 54 pF/m
Velocity ratio	: 0.82
Attenuation at	
10 MHz	: 2.0 dB/100m
50 MHz	: 4.5 dB/100m
100 MHz	: 6.3 dB/100m
230 MHz	: 9.6 dB/100m
300 MHz	: 11.0 dB/100m
400 MHz	: 12.8 dB/100m
470 MHz	: 13.9 dB/100m
600 MHz	: 15.7 dB/100m
800 MHz	: 18.2 dB/100m
862 MHz	: 18.9 dB/100m
1000 MHz	: 20.4 dB/100m
1350 MHz	: 23.7 dB/100m
1750 MHz	: 27.0 dB/100m
2150 MHz	: 30.0 dB/100m
Return loss	
5 - 470 MHz	: ≥ 23 dB*
470 - 1000 MHz	: ≥ 20 dB*
1000 - 2400 MHz	: ≥ 18 dB*
	* Max. 3 peak values 4 dB lower than specified
Screening efficiency (A _s)	
5 - 10 MHz	: ≥ 85 dB
10 - 30 MHz	: ≥ 90 dB
30 - 1000 MHz	: ≥ 100 dB

Delivery information

46147.xxxx.172	100m	carton box
46147.xxxx.179	250m	Unreel
46147.xxxx.240	500m	non returnable reel