

Mechanical specifications

<input type="checkbox"/>	Type	: Coax H 12 PVC
<input type="checkbox"/>	Inner Conductor	: 7x0.2 mm
	Diameter Inner Conductor	: 0.6 ± 0.02 mm
<input type="checkbox"/>	Dielectric	: Solid PE
<input type="checkbox"/>	Diameter over dielectric	: 3.5 mm ± 0.10 mm
<input type="checkbox"/>	Outer Conductor	: Copper braiding
	Coverage braiding	: 91 %
<input type="checkbox"/>	Diameter over screen	: 4.05 mm ± 0.10 mm
<input type="checkbox"/>	Sheath	: PVC
<input type="checkbox"/>	Diameter over sheath	: 5.6 mm ± 0.15 mm
<input type="checkbox"/>	Minimum bending radius for installation	: 25 mm
<input type="checkbox"/>	Adhesion of dielectric	: > 0.1 MPa and < 1.0 MPa
<input type="checkbox"/>	Total weight	: 41.6 g/m
<input type="checkbox"/>	Copper contents	: 16.2 g/m

Electrical specifications

<input type="checkbox"/>	Characteristic impedance	: 75 ± 3Ω
<input type="checkbox"/>	DC loop resistance	: ≤ 92.0 Ω/km
	DC resistance inner core	: ≤ 79.5 Ω/km
	DC resistance outer conductor	: ≤ 12.5 Ω/km
<input type="checkbox"/>	Capacitance	: 66 ± 2 pF/m
<input type="checkbox"/>	Velocity ratio	: 0.66
<input type="checkbox"/>	Attenuation at	
	1 Mhz	: 1.1 dB/100m
	3 Mhz	: 2.1 dB/100m
	5 Mhz	: 2.7 dB/100m
	10 Mhz	: 3.8 dB/100m
	15 Mhz	: 4.8 dB/100m
	30 Mhz	: 6.7 dB/100m
	50 Mhz	: 8.7 dB/100m
	100 Mhz	: 12.4 dB/100m
	200 Mhz	: 17.8 dB/100m
	300 Mhz	: 22.0 dB/100m
	400 Mhz	: 25.6 dB/100m
	500 Mhz	: 28.8 dB/100m
	600 Mhz	: 31.8 dB/100m
	800 Mhz	: 37.2 dB/100m
	1000 Mhz	: 42.1 dB/100m

<input type="checkbox"/>	Return loss	5 - 470 Mhz	: ≥ 30 dB*
		470 - 862 Mhz	: ≥ 25 dB*
		862 - 2150 Mhz	: ≥ 25 dB*

* max 3 peak values up to 4 dB lower than specified

<input type="checkbox"/>	Transfer impedance Z_T at	1 MHz	: 14 mΩ/m
		10 MHz	: 30 mΩ/m
		100 MHz	: 180 mΩ/m
<input type="checkbox"/>	Screening efficiency 30 - 1000 MHz		: > 50 dB

Delivery information

43340.xxxx.172	100m ± 5 %	carton box
43340.xxxx.173	200m ± 5 %	carton box
43340.xxxx.011	500m ± 5 %	non returnable reel