

Coaxial cables used for radio antenna and mobile commu

Specification

- Impedance: 50 Ω
- Physical foam
- 100% Double Aluminum Foil
- Tinned Copper Braid
- Flame-retardant PVC, PE or LSOH
- Meter markings



Type		CH-H155 PVC	
WiMo Order No.	per meter	40030	
WiMo Order No.	50m	40030.050	
WiMo Order No.	100m	40030.100	
WiMo Order No.	500m	40030.500	
Centre Conductor	\varnothing mm	19 x 0.28 Stranded Bare Copper	ide
Dielectric	\varnothing mm	3.90 Foam P.E.	
1st Shielding		Double Aluminum Foil	
1st Outer Conductor	\varnothing mm	0.10 x 128 CuSn	
Outer Jacket	\varnothing mm	5.4 PVC	
Bending Radius	Loaded	20 Times Cable OD	
	Unloaded	10 Times Cable OD	
Attenuation (20 °C, dB/100 m) (Max. attenuation is 10% higher)	f = 5 MHz	3,10	
	f = 50 MHz	6,60	
	f = 100 MHz	9,50	
	f = 230 MHz	14,40	
	f = 300 MHz	16,60	
	f = 400 MHz	19,40	
	f = 470 MHz	21,00	
	f = 860 MHz	28,90	
	f = 1000 MHz	31,40	
	f = 1350 MHz	37,00	
	f = 1750 MHz	42,50	
	f = 2050 MHz	46,60	
	f = 2400 MHz	49,80	
	f = 3000 MHz	56,30	
	f = 3600 MHz	62,90	
	f = 4200 MHz	69,10	
f = 4800 MHz	75,10		
f = 5400 MHz	80,80		
f = 6000 MHz	86,50		
Return Loss (dB)	5– 470 MHz	> 20.00dB*	
	470– 1000 MHz	> 18.00dB*	
	1000 - 2000 MHz	> 16.00dB*	
	* Max. 3 peaks 4 dB lower than specified 3000 - 2000 MHz	> 15.00dB*	
	** values above 3000MHz for information only 3000 - 6000 MHz	> 15.00dB**	
DC loop Resistance	Ω /km	< 32.4	
DC Resistance (Centre Conductor)	Ω /km	< 15.4	
DC Resistance (Outer Conductor)	Ω /km	< 17.0	
Screening factor at 1 - 1000MHz		> 85dB	
Capacitance		84 pF/m \pm 2 pF/m	
Velocity ratio		82%	
Admissible ambient temperature	$^{\circ}$ C	-20 $^{\circ}$ C to 75 $^{\circ}$ C	
Packing	100m	Coil	
	100m	Paper Drum	
	305m	Wooden Drum	
	500m	Wooden Drum	

