



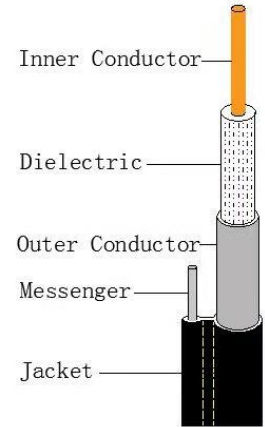
浙江万马天屹通信线缆有限公司

Zhejiang Wanma Tianyi Communication Wire & Cable Co., Ltd.

Trunk Series—500 Welded Trunk Cable with Messenger

Description

	Material	Diameter (mm)
Inner Conductor	Copper Clad Aluminum	2.77 ± 0.03
Dielectric	Foamed PE	11.48 ± 0.10
Outer Conductor	Welded Aluminum Tube	12.75 ± 0.10
Messenger	Galvanized Steel	2.77 ± 0.05
Jacket	Black PE	14.22 ± 0.20
Packaging	1000m/Wooden reel	D1050×d420×H520



Characteristics

Capacitance	50 ± 3 pF/m
Impedance	75 ± 2 ohms
SRL 5-1000MHz	≤ -23 dB

Velocity	87% Min
DC Loop Resistance	5.90 ohm/km
Operating Temperature	$-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$

Attenuation @ 20°C

MHz	dB/100ft	dB/100m.
5	0.16	0.52
55	0.55	1.80
211	1.09	3.58
250	1.20	3.94
270	1.24	4.06
300	1.31	4.30
330	1.38	4.53
350	1.43	4.69

MHz	dB/100ft	dB/100m.
400	1.53	5.02
450	1.63	5.35
500	1.73	5.67
550	1.82	5.97
600	1.92	6.30
750	2.17	7.12
870	2.35	7.69
1002	2.54	8.32

