



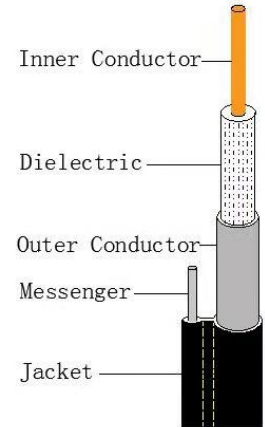
浙江万马天屹通信线缆有限公司

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

## Trunk Series—540 Welded Trunk Cable with Messenger

### Description

	Material	Diameter (mm)
Inner Conductor	Copper Clad Aluminum	$3.15 \pm 0.03$
Dielectric	Foamed PE	$13.03 \pm 0.10$
Outer Conductor	Welded Aluminum Tube	$13.72 \pm 0.10$
Messenger	Galvanized Steel	$2.77 \pm 0.05$
Jacket	Black PE	$15.49 \pm 0.20$
Packaging	1000m/Wooden reel	D1080×d420×H520



### Characteristics

Capacitance	$50 \pm 3$ pF/m
Impedance	$75 \pm 2$ ohms
SRL 5-1000MHz	$\leq -23$ dB

Velocity	87% Min
DC Loop Resistance	5.45 ohm/km
Operating Temperature	$-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$

### Attenuation @ 20°C

MHz	dB/100ft	dB/100m.
5	0.14	0.46
55	0.47	1.54
211	0.95	3.12
250	1.03	3.38
270	1.08	3.54
300	1.14	3.74
330	1.20	3.93
350	1.23	4.04

MHz	dB/100ft	dB/100m.
400	1.33	4.36
450	1.41	4.63
500	1.50	4.92
550	1.58	5.18
600	1.66	5.44
750	1.86	6.10
870	2.00	6.56
1002	2.17	7.12

