



## Applications

GDI Technology Type QR500 A1 Trunk Cable is permitted for use with Audio/Video, Radio Frequency, and CATV/MATV Transmissions.

### Inner Conductor

**Material:** Copper Clad Steel

**Diameter:** 2.77mm

### Dielectric Core

**Material:** Physical Foamed PE

**Diameter:** 11.5mm

### Tube

**Material:** A1

**Thickness:** 0.40mm

### Jacket

**Material:** PE (black)

**Diameter:** >15.1 mm

### Impedance

75 Ohm  $\pm$  2 Ohm

### Nominal Capacitance

51.2 pF/m  $\pm$  2 pF/m

### Velocity Ratio

87%  $\pm$  4%



### Screening Efficiency

100-900 Mhz > 85 dB

### Structural Return Loss

00-300 Mhz > 20 dB

300-3000 Mhz > 18 dB

NOMINAL ATTENUATION	
Frequency(MHz)	Max value(dB /100m)
5	0.52
55	1.70
211	3.58
250	3.94
270	4.07
300	4.30
325	4.49
350	4.69
400	5.02
450	5.35
500	5.67
550	5.97
600	6.27
750	7.09
865	7.68
1000	8.5

