

**Part No.** 391070D  
**Description:** URM 70 75 Ohm URM Coaxial Black Duct Grade



### Construction

Conductor Material : Bare Copper  
 Stranding : 7 x 0.19mm  
 Dielectric : Polyethylene (PE)  
 Diameter of Dielectric : 3.25 (+/- 0.15mm)  
 Screen Material : Bare Copper Wire Braid  
 Braid Coverage : > 90%  
 Inner Sheath Material : Polyvinyl Chloride (PVC), Black  
 Outer Sheath Material : Low Density Polyethylene (LDPE)

### Electrical Characteristics

Impedance : 75± 3Ω  
 Capacitance : < 70 pF /m  
 Velocity of Propagation : 66 %  
 Conductor Resistance : < 95.5 Ω /km  
 Outer Conductor Resistance : < 12.2 Ω /km  
 Attenuation

Frequency (MHz)	Attenuation (dB/100m)
100	13.8
300	25.5
500	33.0

### Physical Characteristics

Overall Diameter : 8.2 ± 0.2mm  
 Min. Bend Radius : 10 x OD  
 Temperature Rating : -20°C to +70°C  
 Weight : 72 kg/km

### Standards

RoHS2 Compliant : Yes