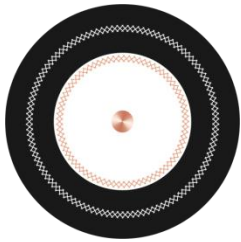


## RG59 Coaxial Cable for Marine Applications

75Ω RG59 Coaxial Design • Steel Wire Braid Protected • Low Smoke Zero Halogen



### Cable Construction



**Conductor**  
20AWG Solid Plain Annealed Copper

**Insulation**  
Extruded FPE (Foam Polyethylene)

**Plain Annealed Copper Wire Braid Screen**  
(≥80% Optical Coverage)

**Sheath**  
Extruded LSZH (Low Smoke Zero Halogen) to BS 7655 LTS1-4, IEC 60092 SHF1, EN 50363 TM7

**Armouring**  
Galvanised Steel Wire Braid  
(In accordance with BS EN 10257-1)

**Sheath**  
Extruded LSZH (Low Smoke Zero Halogen) to BS 7655 LTS1-4, IEC 60092 SHF1, EN 50363 TM7

### Properties & Standards

Electrical		
Nominal Impedance	75	Ω
Nominal Conductor Resistance	32.81	Ω/km
Nominal Shield Resistance	11.484	Ω/km
Nominal Capacitance (cond-shield)	53.5	pF/m
Nominal Delay	4.0	ns/m
Nominal Velocity of Propagation	83	%
Nominal Attenuation (@100mHz)	8.53	dB/100m

Fire Performance	
Flame Retardance	IEC 60332-1-2
Flame Retardance	IEC 60332-3-24 (Cat C)
Halogen Gas Content	IEC 60754-1
Gas Acidity	IEC 60754-2
Smoke Emission	IEC 61034

### Nominal Dimensions

Conductor Gauge	20	AWG
Conductor Diameter	0.813	mm
Diameter over Insulation	3.68	mm
Inner Sheath Diameter	5.90	mm
Braid Armour Wire Size	0.20	mm
Outer Sheath Diameter	9.35	mm

### Colours & Identification

**Insulation Colour**  
White/Natural

**Inner Sheath Colour**  
Black

**Outer Sheath Colour**  
Black

