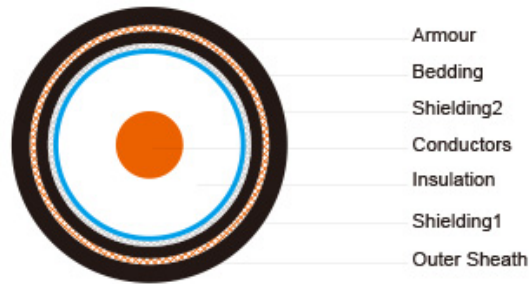


RG59 Armoured Coaxial Cable



Applications :	These 75Ω coaxial cables are suitable for installation on board of ships and other indoor marine environments.
Standards :	IEC 60092-350 IEC 60332-3-22 IEC 60754-1,2 IEC 61034-1,2 NEK 606:2004
Conductors :	20AWG solid bare copper.
Insulation :	Foam PE.
Shielding1 :	Al/Polyester/Al tape.
Shielding2 :	Tinned copper braid.
Bedding :	Low smoke and halogen-free polyolefin, coloured black.
Armour :	Copper wire braid.
Outer Sheath :	Low smoke and halogen-free polyolefin.

Electrical Characteristics :

AWG		20
Nominal Conductor Diameter	mm	0.8
Impedance	Ω	75+/-5
Nominal Attenuation@100MHz	dB/100m	7.6
Nominal Attenuation@270MHz	dB/100m	12.5
Nominal Attenuation@540MHz	dB/100m	17.9
Nominal Attenuation@720MHz	dB/100m	20.9
Nominal Attenuation@750MHz	dB/100m	21.3
Nominal Attenuation@1000MHz	dB/100m	24.9

Capacitance	pF/m	53.5
Velocity of Propagation	%	83
Conductor DCR	Ω /km	32.8
Shield DCR	Ω /km	12.5
Inductance	μ H/m	0.318
Time Delay	ns/m	4.0

Mechanical and Thermal Properties :

Bending Radius : 15×OD.

Temperature Range : -30°C ~ +75°C.

Dimensions and Weight :

Nominal Inner Conductor Diameter mm	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Nominal Overall Diameter mm	Nominal Weight kg/km
0.8	1.4	1.2	10.0	177