

RG11

Application: Shipboard installations, Maritime Environment, Fixed installations, Indoor & outdoor use, fixed installations, High data rates, Ships, High speed & Light craft.

Operate at: -40°C to +70°C, Bend minimum: 10~20 times O.D.

Standards: IEC 60096-0-1, IEC 60096-1, IEC 60684-2, IEC 60332-3-22, IEC 60092-360, UL 1581

Design & Construction

Conductor: Bare copper

Insulation: PE

Inner shield: Aluminum Foil-Polyester Tape

Outer shield: Tinned copper wire braid

Outer jacket (optional): LSZH-SHF1, LSZH-SHF2 or LSZH-SHF2-MUD

Outer jacket OD: 10.3 ± 0.5

Marking (example): YANGER® RG11 LSZH <dd/mm/yy> <meter marking>

Outer jacket color: Black (optional)

Environmental properties and fire performances

Halogen acid gas: IEC 60754-1/2

Degree of acidity of gases: IEC 60754-1/2

Smoke emission: IEC 61034-1/2

Flame retardant: IEC 60332-3-22

UV-resistant: UL 1581

Electrical characteristics

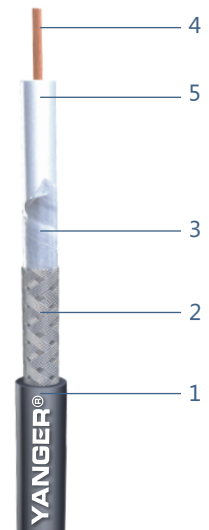
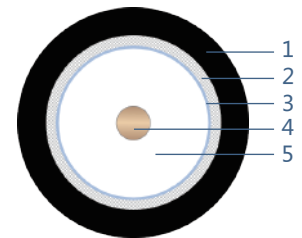
Inner conductor DC resistance: ≤21.2 Ω/km

Outer conductor DC resistance: ≤4.2 Ω/km

Capacity: 67 ± 5 pF/m

Characteristic impedance 200MHz: 75 ± 3 Ω

Electrical properties



1. Outer jacket
2. Outer shield
3. Inner shield
4. Conductor
5. Insulation



Halogen free
IEC 60754



Low smoke
IEC 61034



Flame retardant
IEC 60332-3-22



UV resistant
UL 1581

Maximum attenuation is 3% higher nominal attenuation

Frequency (MHz):	5	55	211	270	350	400	500	600	750	870	1000	1450	1750	2050	2250	3000
Attenuation dB/100 m (Nom.):	1.4	3.36	6.90	7.50	8.50	9.10	10.20	11.20	12.70	13.51	15.0	18.50	20.50	22.50	24.0	28.0