

RF-900

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 tube

Insulation: PE

Inner shield: Aluminum Foil-Polyester Tape

Outer shield: Tinned copper wire braid

Outer jacket (optional): PE or LSZH

Outer jacket OD: 22.1 ± 0.50 mm

Marking (example): YANGER® RF-900 <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

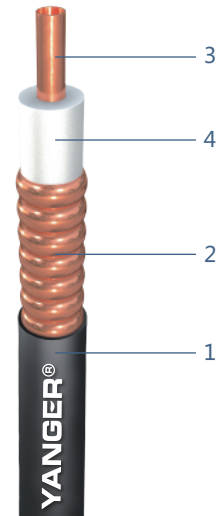
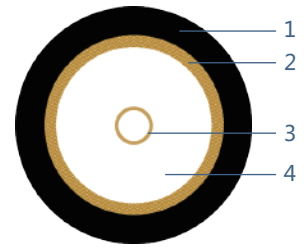
Inner conductor DC resistance: ≤ 1.77 Ω/km

Outer conductor DC resistance: ≤ 1.8 Ω/km

Capacity: 76 ± 5 pF/m

Characteristic impedance 200MHz: 50 ± 2 Ω

Electrical properties



1. Outer jacket
2. Outer conductor
3. Inner conductor
4. 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):	30	50	150	220	450	900	1500	1800	2000	2500	5800
Attenuation dB/100 m (Nom.):	0.9	1.2	2.2	2.6	3.8	5.6	7.4	8.2	8.6	9.8	16.0