ÖREN KABLO

75 Ω COAXIAL CABLES CLASS A

HQ 103 RG 6 (Ultra)

RoHS compliant

Application

This RG6 cable is specifically designed for use in multimedia networks and complies with screening of class A+ level, which is the high demand of Cable Network Operators. It has characteristics such as low loss, high screening efficiency, and high resistance to aging.

Constructive Data

Conductor
Ø 1.02 mm Bare copper
(100% Coverage)

Insulation
Ø 4.57 mm Physical foam
polyethylene (Skin / Foam / Skin)

1st Shielding
Aluminum Bonded Foil
(100% Coverage)

2nd Shielding
Aluminum wire braiding
(80% Coverage)

3rd Shielding
Aluminum foil
(Bonded to the Jacket)
(100% Coverage)

Outer Sheath
Ø 6.80 mm
UV Stabilised material

Cable Weight
50 kg/km

Copper Content
19 kg/km

Min. Bending Radius
35 mm

Max. Tensile Strength
110 N

Screening Efficiency

30 - 1000MHz	> 100 dB
1000 - 2000MHz	> 90 dB
2000 - 3000MHz	> 80 dB

Electrical Data

Impedance
75 ± 2 Ω

Capacitance
53 ± 2 pF/m

Velocity of Propagation
83%

Inner Conductor DCR
22.10 Ohm/km

Outer Conductor DCR
13.30 Ohm/km

Attenuations

50 MHz	4.50 dB/100m
100 MHz	6.30 dB/100m
230 MHz	9.60 dB/100m
470 MHz	13.90 dB/100m
860 MHz	19.80 dB/100m
1000 MHz	22.00 dB/100m
1750 MHz	29.00 dB/100m
2150 MHz	33.00 dB/100m

Return Loss

5-470 MHz	>23dB
470-860 MHz	>20dB
860-1000 MHz	>18dB
1000-3000 MHz	>16dB

Transfer Impedance
5-30 MHz < 1.5 mOhm/m

Packing
100m/300m Reel

HALOGEN FREE 75 Ω COAXIAL CABLES CLASS A+

HD 103 RG 6 (Ultra+) LSNH

Application

This RG6 cable is specifically designed for use in multimedia networks and complies with screening of class A+ level, which is the high demand of Cable Network Operators. It has characteristics such as low loss, high screening efficiency, and high resistance to aging. These cables are flame retardant, moreover they do not extract poisonous gases when they are in fire.

Constructive Data

Conductor
Ø 1.02 mm Bare copper
(100% Coverage)

Insulation
Ø 4.57 mm Physical foam
polyethylene (Skin / Foam / Skin)

1st Shielding
Aluminum Bonded Foil
(100% Coverage)

2nd Shielding
Tinned copper wire braiding
(65% Coverage)

3rd Shielding
Aluminum foil
(Bonded to the Jacket)
(100% Coverage)

Outer Sheath
Ø 6.80 mm HFFR
UV Stabilised material

Cable Weight
50 kg/km

Copper Content
19 kg/km

Min. Bending Radius
35 mm

Max. Tensile Strength
110 N

Screening Efficiency

30 - 1000MHz	> 110 dB
1000 - 2000MHz	> 95 dB
2000 - 3000MHz	> 85 dB

Electrical Data

Impedance
75 ± 2 Ω

Capacitance
53 ± 2 pF/m

Velocity of Propagation
84 %

Inner Conductor DCR
22.10 Ohm/km

Outer Conductor DCR
13.30 Ohm/km

Attenuations

50 MHz	4.30 dB/100m
100 MHz	5.90 dB/100m
230 MHz	8.50 dB/100m
470 MHz	13.60 dB/100m
860 MHz	18.60 dB/100m
1000 MHz	20.10 dB/100m
1750 MHz	27.10 dB/100m
2150 MHz	30.50 dB/100m

Return Loss

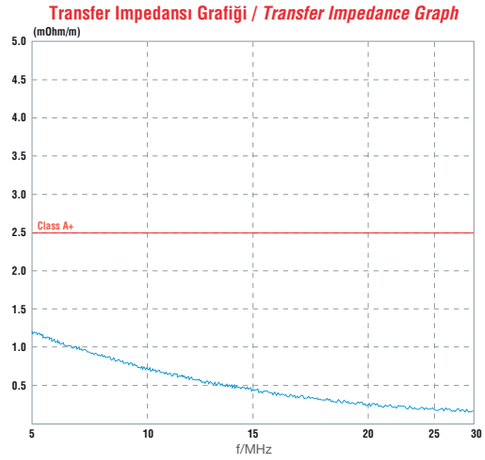
5-470 MHz	>26dB
470-860 MHz	>23dB
860-1000 MHz	>20dB
1000-3000 MHz	>18dB

Transfer Impedance
5-30 MHz < 1.5 mOhm/m

Packing
100m/300m Reel

Matching Cabelcon Connectors	
Interface	**Product Name**
F Male	F-56-CX3 4.9
F Male	F-56 4.9 SELF INSTALL NITIN
F Push On	F Push ON-56-CX3 4.9 SHORT
IEC Male	IECM-56-CX3 4.9
IEC Female	IECF-56-CX3 4.9
BNC Male	BNCM-56-CX3 4.9

Transfer Impedansı Grafiği / *Transfer Impedance Graph*



Ekranlama Zayıflatması Grafiği / *Screening Attenuation Graph*