



# RG6 type 02-214

Indoor coaxial cable 75 Ohm, for CATV signal distribution networks. Low loss, trishield construction with high screening attenuation.

## 1. CONSTRUCTION

<b>Inner Conductor</b>	Φ 1,02 mm solid copper
<b>Insulation</b>	Φ 4,80 mm skin-foam-skin gas injected PE
<b>Outer Conductor</b>	Aluminium tape bonded to insulation + Aluminium wire braid > 60% coverage + Aluminium tape bonded to outer sheath
<b>Outer Sheath</b>	Φ 6,90 mm PVC white

## 2. ELECTRICAL CHARACTERISTICS

<b>Impedance</b>	75 +/-3 Ohm
<b>Capacitance</b>	54 pF/m
<b>Velocity ratio v/c</b>	82 %
<b>Transfer Impedance</b> Zt 5-30 MHz	< 2,5 mOhm/m
<b>Screening Attenuation</b> As 30 - 1000 MHz As 1000 - 1218 MHz	> 105 dB > 95 dB
<b>DC Resistance</b> inner conductor outer conductor	< 23 Ohm/km < 20 Ohm/km

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## 2. ELECTRICAL CHARACTERISTICS (cont.)

### Structural Return Loss

5 - 470 MHz	> 23 dB
470 - 1000 MHz	> 20 dB
1000 - 1218 MHz	> 17 dB

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### Nom.Attenuation (dB/100m)

5 MHz	2,20
50 MHz	4,50
100 MHz	6,50
230 MHz	9,00
470 MHz	13,40
860 MHz	19,50
1000 MHz	22,00
1218 MHz	25,90

## 3. OTHER DATA

Standards	EN 50117
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