



## 50 Ohm coaxial cable RG213 LSZH MIL Type



**Store at:** -0 to +60 °C

**Install at:** 0 to +50 °C, **Bend minimum:** 10xO.D. (unarmored) or 20xO.D. (armored)

**Operate at:** -20 to +70 °C, **Bend minimum:** 15xO.D. (unarmored) or 20xO.D. (armored)

### Design

**Conductor :** bare copper 7×0.76mm

**Dielectric :** polyethylene nominal Ø 7.25mm

**Screen :** bare copper wire braid

**Outer jacket :** black LSZH material

**Marking :** APS Finland - ww/yy - RG 213 type MIL LSZH - 75 OHM - P/N - lot + meter

**Armoured version is supplied with additional:**

**Armour :** galvanized steel or tinned copper wire braid

**Outer jacket :** black LSZH material

**Marking :** APS Finland - ww/yy - ARMoured RG 213 type MIL LSZH - 75 OHM - P/N - lot + meter

## Environmental properties and Fire Performances

**Degree of acidity of gases :** IEC 60754-1, IEC 60754-2

**Halogen acid gas corrosiveness :** TS EN 50267-2-3

**Smoke Emission :** IEC 61034-2

**Flame retardant :** IEC 60332-1-1, IEC60332-2-1

## Electrical characteristics

**Impedance :**  $50 \pm 3 \Omega$

**Capacitance :** 101pF/m nominal

**Velocity ratio :** 66%

**Insulation resistance :** 10000 M $\Omega$  x Km

**Spark tension of the sheath :** 2.0 kV

### Attenuation (typical)

MHz	100	200	400	600	800	1000
dB	7.2	11.0	15.5	21.0	25.0	29.0

## Ordering and delivery information

Type	P/N	O.D [mm]	Weight [kg/km]	Packaging
RG213 Non-armoured	RG213MT	10.2	163	500m or 1000m (+/-5%)
RG213 armoured GSWB	RG213MTBH	14.5	250	500m (+/-5%)
RG213 armoured TCWB	RG213MTTH	14.5	235	500m (+/-5%)

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considered responsible for any mistake in this document and users should consult AP Solutions Oy for any information needed. AP Solutions Oy reserves the right to make changes to the documents at any time, without prior notice.



## 50 Ohm coaxial cable RG214 LSZH MIL Type



**Store at:** -0 to +60 °C

**Install at:** 0 to +50 °C, **Bend minimum:** 10xO.D. (unarmored) or 20xO.D. (armored)

**Operate at:** -20 to +70 °C, **Bend minimum:** 15xO.D. (unarmored) or 20xO.D. (armored)

## Design

**Conductor** : bare copper 7×0.76mm

**Dielectric** : polyethylene nominal Ø 7.25mm

**Screen 1** : silvered copper wire braid

**Screen 2** : silvered copper wire braid

**Outer jacket** : black LSZH material

**Marking** : APS Finland - ww/yy - RG 214 type MIL LSZH - 75 OHM - P/N - lot + meter

**Armoured version is supplied with additional:**

**Armour** : galvanized steel or tinned copper wire braid

**Outer jacket** : black LSZH material

**Marking** : APS Finland - ww/yy - ARMoured RG 214 type MIL LSZH - 75 OHM - P/N - lot + meter

## Environmental properties and Fire Performances

**Degree of acidity of gases** : IEC 60754-1, IEC 60754-2

**Halogen acid gas corrosiveness** : TS EN 50267-2-3

**Smoke Emission** : IEC 61034-2

**Flame retardant** : IEC 60332-1-1, IEC60332-2-1

## Electrical characteristics

**Impedance** : 50 ± 3 Ω

**Capacitance** : 101pF/m nominal

**Velocity ratio** : 66%

**Insulation resistance** : 10000 MΩ x Km

**Spark tension of the sheath** : 2.0 kV

### Attenuation (typical)

MHz	100	200	400	600	800	1000
dB	7.0	10.5	15.0	20.0	23.5	28.5

## Ordering and delivery information

Type	P/N	O.D [mm]	Weight [kg/km]	Packaging
RG214 Non-armoured	RG214MT	10.8	200	500m or 1000m (+/-5%)
RG214 armoured GSWB	RG214MTBH	15.2	290	500m (+/-5%)
RG214 armoured TCWB	RG214MTTH	15.2	275	500m (+/-5%)

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