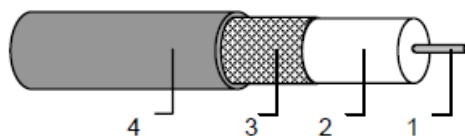




PRODUCT DATA SHEET		PN -3801420	
COAXIAL RG59/U FLEXIBLE		Ver A	Date of Issue: 18.08.2014



1. Conductor multi strands bare copper wire
2. Foam PE dielectric
3. Bare copper wire braiding
4. Outer sheath PVC

Picture for illustration only and does not represent the detailed image of the respective product.

1. Application

Flexible, 75 ohm coaxial cable for data transmission/ CCTV installation in public housing , and buildings. Indoor and outdoor application.

2. Special features

- Conductor multi strands bare copper wire, 22AWG /7
- Cellular Polyethylene dielectric
- Bare copper wire braided screen, approx 95% coverage
- Outer jacket PVC, Black RAL 9005

3. Cable Construction

- | | |
|----------------------------|---|
| 3.1 Conductor | : Strands bare copper wire, 22AWG (7/0.254mm) |
| 3.2 Dielectric Material | : Foam PE |
| 3.3 Dielectric OD | : 3.80mm(approx) |
| 3.4 Braiding | : Bare copper wire braiding, aprox 95% coverage |
| 3.5 OuterSheath | : PVC , Black RAL 9005, |
| 3.6 Overall cable diameter | : 6.15mm (approx.) |

4. Technical Data

- | | |
|--------------------------------------|-------------------------|
| 4.1 Dilectric Strength | : 1.2kVdc/1 minute |
| 4.2 Insulation resistance | : ≥5000 MΩ.km |
| 4.3 Characteristics Impedance | : 75 ± 3Ω |
| 4.4 Attenuation Loss @ 20°C | : See Table 1 |
| 4.5 Return Loss, @1000 MHz | : -20 dB Min. |
| 4.6 Screen Effectiveness , 5-1000MHz | : -80 dB min. |
| 4.7 Min. Bending Radius | : 10xOD |
| 4.8 Temperature Rating | : -30°C to + 70°C |
| 4.9 Flame Retardant | : Acc. to IEC 60332-1-2 |
| 4.10 ROHS | : 2002/95/EC |

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Table 1 : Attenuation Loss at 20°C

Frequency MHz	dB/100m (max)
1	2.13
10	2.95
50	6.89
100	9.84
200	14.7
400	21.7
700	29.2
1000	35.8

5. **Reference Standard** : In acc to Belden 9259,

6. **Dimensional Data**

Part No.	Conductor size	Nominal, Dielectric OD,	Approx. cable overall diameter	Max. conductor. resistance DC @ 20°C
	AWG (starnds)	mm	mm	Ohm/km
3801420	22 (7x0.254)	3.80	6..15	49.5



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