

# ZH 059 H2

75 OHM VIDEOINTERCOM COAXIAL CABLE - RG 59 + 2 x 0,75 MM<sup>2</sup>

COMPLIANCE IEC 60754-1 IEC 60754-2 IEC 61034-2

Class CPR **E<sub>ca</sub>**

<b>CW</b>	<b>PE</b>	<b>CU</b>	<b>Pet</b>	<b>LSZH</b>	<b>LSZH</b>
ø 0,58 mm	ø 3,70 mm	ø 4,10 mm	h. 16 mm	ø 6,20 mm	ø 10,00 mm



## MECHANICAL DATA

<b>A</b>	<b>INNER CONDUCTOR</b>	COPPERWELD	ø 0,58 mm
<b>B</b>	<b>DIELECTRIC</b>	LOW DENSITY POLYETHYLENE	ø 3,70 ± 0,10 mm
<b>C</b>	<b>BRAID</b>	PLAIN COPPER	168 x 0,10 mm
		- COVERAGE	92%
<b>D</b>	<b>NON-MIGRATING</b>	POLYESTER TAPE	h. 16 mm
<b>E</b>	<b>SHEATH</b>	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS <b>BLACK - RAL 9004 - UV RESISTANT</b>	ø 6,20 ± 0,10 mm
<b>ELECTRICAL CABLES</b>			
-		PLAIN COPPER	2x0,75 mm <sup>2</sup>
-		FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS <b>RED - BLACK</b>	2 x ø 2,00 ± 0,10 mm
-	COLOUR		
<b>F</b>	<b>SHEATH</b>	FLAME RETARDANT NON-CORROSIVE THERMOPLASTIC FREE OF HALOGENS <b>BLACK - RAL 9004 - UV RESISTANT</b>	ø 10,00 ± 0,30 mm
-	COLOUR		

### MINIMUM BENDING RADIUS ( mm )

- SINGLE	ø EXTERNAL X 5
- REPEATED	ø EXTERNAL X 10

TEMPERATURE RANGE -30 °C / +70 °C

### CABLE WEIGHT ( Kg/Km )

- COPPER	28,3
- PLASTIC	81,4
- TOTAL	109,7

## ELECTRICAL PROPERTIES at 20°C

<b>IMPEDANCE</b>	75 ± 3 Ohm
<b>CAPACITANCE</b>	67 pF/m
<b>VELOCITY RATIO</b>	66%
<b>RESISTANCE</b> - <b>INNER CONDUCT.</b>	154 Ohm/Km
- <b>BRAID</b>	13 Ohm/Km

## ELECTRICAL CABLES

<b>VOLTAGE</b> - <b>OPERATING</b>	300 Vca
- <b>TEST</b>	2000 Vca

**CORES RESISTANCE** 26 Ohm/Km

### ATTENUATIONS dB/100 m.

5 MHz	2,3	100 MHz	10,7	1000 MHz	38,0
10 MHz	3,1	300 MHz	19,4	2150 MHz	60,9
50 MHz	7,4	600 MHz	28,7	3000 MHz	72,7

### STRUCTURAL RETURN LOSS dB

30 ÷ 300 MHz	>31	1000 ÷ 2000 MHz	>18
300 ÷ 600 MHz	>28	2000 ÷ 3000 MHz	>14
600 ÷ 1000 MHz	>24	..... ÷ .....	MHz -

### SCREENING EFFECTIVENESS dB

100 ÷ 900 MHz	>57
900 ÷ 2000 MHz	-
2000 ÷ 3000 MHz	-