

MIL-C-17F 93 Ohm RF Coaxial Cables

RG 62 AU (P.Num.: 122749)



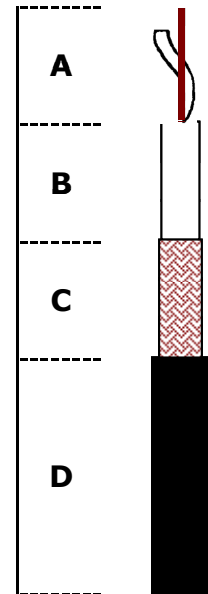
Technical Data

MECHANICAL DATA

A	Copperweld inner conductor	CW
B	Aired polyethylene dielectric	PEA
C	Plain copper outer conductor Percentage coverage	CU
E	Non-contaminating polyvinyl- chloride sheath Sheath's colour : BLACK	PVC2

DIMENSIONS

∅ 0,64 ± 0,025 mm
∅ 3,70 ± 0,13 mm
120 x 0,15 mm 95%
∅ 6,20 ± 0,18 mm



-Copper weight:	22,8Kg/Km
-Cable weight:	52,7Kg/Km

ELECTRICAL PERFORMANCE

-Impedance:	93 ± 5 Ohm
-Capacitance:	44 pF/m
-Velocity ratio:	84%

ATTENUATION dB/100 m

50 MHz	5,8
100 MHz	8,2
200 MHz	11,7
400 MHz	17
500 MHz	19,3
600 MHz	21
860 MHz	26,1
1000 MHz	27,8

SCREENING EFFECTIVENESS Db

100-900 MHz >55
.....-..... MHz

STRUCTURAL RETURN LOSS dB

Inner conductor resistance:	130 Ohm/Km	30-300 MHz	>20
Outer conductor resistance:	9 Ohm/Km	300-600 MHz	>20
		600-900 MHz	>20
Temperature range:	-30 °C/+70 °C		

MIL-C-17F 93 Ohm RF Coaxial Cables

RG 71 AU (P.Num.: 122760)

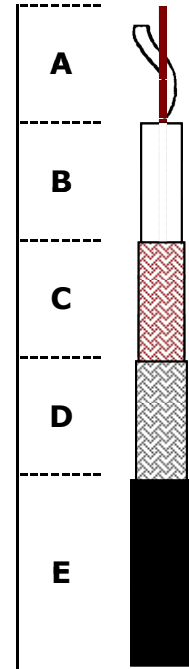


Technical Data

MECHANICAL DATA

DIMENSIONS

A	Copperweld inner conductor	CW	$\varnothing 0,64 \pm 0,025 \text{ mm}$
B	Aired polyethylene dielectric	PEA	$\varnothing 3,70 \pm 0,13 \text{ mm}$
C	Plain copper outer conductor Percentage coverage	CU	$112 \times 0,16 \text{ mm}$ 97%
D	Tinned copper outer conductor Percentage coverage	CS	$144 \times 0,13 \text{ mm}$ 96%
E	Carbon black polyethylene sheath Sheath's colour : BLACK	PE	$\varnothing 6,20 \pm 0,13 \text{ mm}$



-Copper weight:	44Kg/Km
-Cable weight:	61,7Kg/Km

ELECTRICAL PERFORMANCE

-Impedance:	93 ± 5 Ohm
-Capacitance:	44 pF/m
-Velocity ratio:	84%

ATTENUATION dB/100 m

50 MHz	5,8
100 MHz	8,2
200 MHz	11,7
400 MHz	17
500 MHz	19,3
600 MHz	21
860 MHz	26,1
1000 MHz	27,8

SCREENING EFFECTIVENESS Db

100-900 MHz >70
.....-..... MHz

STRUCTURAL RETURN LOSS dB

Inner conductor resistance:	130 Ohm/Km	30-300 MHz >17
Outer conductor resistance:	7 Ohm/Km	300-600 MHz >17
		600-900 MHz >17
Temperature range:	-40 °C/+75 °C	