

CC-coaxial cable-305

CC-monitor cable-300

For high frequency analogue and digital signals

ConCab Kabel Mainhardt VIDEO 0,6/3,7

**Also available pre-assembled
with sockets and connectors. Ask for
details about customized cables.**

CC-coaxial cable-305 and
CC-monitor cable-300 are used for high
frequency transmission in broadcasting, receiving sta-
tions and telecommunication equipment. They are
also used in EDP as well as in industrial and entertain-
ment electronics. Video and monitor cables serve for
low attenuation transmission of analogue and
digital television signals between cameras and
monitors. Special halogen-free and flame retardant
cables (FRNC) are provided for areas that need
special protection for humans and equipment
against fire.

Construction

Please refer to table for inside conductors, insulation,
outside conductors and sheaths.

Technical data

Dielectric constants:

PE (2Y):	2,3
Cell-PE (02Y):	1,8
Hollow space-PE (2Yho):	1,5
PTFE (5Y):	2,1
FEP (6Y):	2,1

Temperature range for fixed installation:

PE (2Y):	-40°C to +80°C
PVC (Y), FRNC(H):	-25°C to +70°C
FEP (6Y), PTFE (5Y):	-55°C to +200°C

Bending radius:

fixed installation: approx. 10 × cable diameter

Approvals:

RG-types acc. to MIL-C-17,
acc. to DIN 47383, 47384, 47389

Part-No.	Type	Impedance Ω	Attenuation at 100 MHz dB/100 m	Shortening factor v/c	Capacitance pF/m	Inside cond. + ∅ mm	Insulation material + ∅ mm	Outer conductor resp. shield	Sheath material + outer-∅ mm	Cu- weight kg/km	Weight kg/km
RG-coaxial cable											
305 006 0	RG6 A/U	75	9,1	0,66	67,0	StCu 0,72	PE 4,70	CuGvs+CuG	PVC 8,4	67,0	116
305 011 0	RG11 A/U	75	7,6	0,66	67,0	Cuvz 7×0,4	PE 7,24	CuG	PVC 10,3	58,0	104
305 058 2	RG58 C/U	50	16,0	0,66	101,0	Cuvz 19×0,18	PE 2,95	CuGvz	PVC 4,9	20,5	38
305 058 3	RG58 FRNC	50	16,0	0,66	101,0	Cuvz 19×0,18	PE 2,95	CuGvz	FRNC 5,0	20,5	38
305 059 1	RG59 B/U	75	11,2	0,66	67,0	StCu 0,58	PE 3,70	CuG	PVC 6,2	25,0	57
305 059 2	RG59 FRNC	75	11,2	0,66	67,0	StCu 0,58	PE 3,70	CuG	FRNC 6,2	25,0	58
305 062 0	RG62 A/U	93	10,3	0,83	42,5	StCu 0,64	PE-hollow 3,7	CuG	PVC 6,2	25,0	54
305 062 1	RG62 PUR	93	10,3	0,83	42,5	StCu 0,64	PE-hollow 3,7	CuG	PUR 6,2	25,0	54
305 062 2	RG62 FRNC	93	10,3	0,83	42,5	StCu 0,64	PE-hollow 3,7	CuG	FRNC 6,2	25,0	56
305 071 1	RG71 B/U	93	10,3	0,83	42,5	StCu 0,64	PE-hollow 3,7	2×CuG	PE 6,5	46,0	70
305 174 0	RG174 A/U	50	31,0	0,66	101,0	StCu 7×0,16	PE 1,5	CuGvz	PVC 2,8	6,0	12
305 178 1	RG178 B/U	50	42,8	0,7	93,0	StCuvs 7×0,1	FEP 0,84	CuGvs	FEP 1,8	5,0	9
305 179 1	RG179 B/U	75	27,9	0,7	63,0	StCuvs 7×0,1	FEP 1,6	CuGvs	FEP 2,45	8,0	16
305 187 0	RG187 A/U	75	27,9	0,7	64,0	StCuvs 7×0,1	FEP 1,6	CuGvs	PTFE 2,6	8,0	17
305 188 0	RG188 A/U	50	27,8	0,7	94,0	StCuvs 7×0,16	PTFE 1,52	CuGvs	PTFE 2,6	9,0	17
305 213 0	RG213 U	50	6,6	0,66	101,0	Cu 7×0,75	PE 7,24	CuG	PVC 10,3	82,0	157
305 213 1	RG213 FOAM	50	4,9	0,8	83,0	Cu 7×0,75	cell-PE 6,0	CuF+CuG	PE 9,0	59,0	98
305 213 2	RG213 FRNC	50	6,6	0,66	101,0	Cu 7×0,75	PE 7,24	CuG	FRNC 10,3	82,0	165
305 214 0	RG214 U	50	6,6	0,66	101,0	Cu 7×0,75	PE 7,24	2×CuGvs	PVC 10,8	118,0	207
305 214 2	RG214 FRNC	50	6,6	0,66	101,0	Cu 7×0,75	PE 7,24	2×CuGvs	FRNC 10,8	118,0	215
305 216 0	RG216 U	75	7,6	0,66	67,0	Cuvz 7×0,4	PE 7,24	2×CuG	PVC 10,8	98,0	187
305 223 0	RG223 U	50	13,5	0,66	101,0	Cuvs 0,9	PE 2,95	2×CuGvs	PVC 5,3	42,0	60
305 316 0	RG316 U	50	27,8	0,70	94,0	StCuvs 7×0,16	FEP 1,52	CuGvs	FEP 2,5	8,5	15

Abbreviations:

StCu	=	copper plated steel wire
Cu	=	copper wire
G	=	braiding
vz	=	tinned
vs	=	silver plated