



75 Ω coaxial cables with foam PE insulation, with O type shielding (Cu wire braiding)



### Application:

Cables are used for tertiary TV cable networks, for satellite reception systems and home distribution of TV signal.

### Cable construction:

- **Core construction:** copper conductor cl. 1
- **Insulation material:** foam polyethylene
- **Shield construction:** Cu braiding with >91 % covering
- **Sheath cable:** PVC (type VCCOY), double sheathing PE+PVC (type VCCOD)

### Technical data:

- **Capacity:** 54 pF/m
- **Propagation velocity :** 0,81

### Application tables:

Cable type	Cable type acc. to RG MIL-C-17	Min. bending radius	Max. permissible pulling force	Weight	Inner core diameter	Diameter over insulation	Outer diameter
		[mm]	[N]	[kg/km]	[mm]	[mm]	[mm]
VCCOY 75-3,7	RG59	25	60	44	0,8	3,7	6
VCCOY 75-4,8	RG6	30	70	61	1,1	4,8	7
VCCOY 75-7,25	RG11	40	90	98	1,6	7,25	10,3
VCCOD 75-4,8	RG6	40	75	87	1,1	4,8	8,5

Cable type	Cable type acc. to RG MIL-C-17	Wave impedance	Attenuation (at 20°C) at a frequency in MHz:				Screening efficiency to 1000 MHz
			200	400	800	1700	
		[Ω]	[dB/100 m] (measured values)				[dB]
VCCOY 75-3,7	RG59	75 ± 3	14,0	20,0	30,0	45,0	35
VCCOY 75-4,8	RG6	75 ± 3	11,0	16,0	25,0	38,0	35
VCCOY 75-7,25	RG11	75 ± 3	7,0	11,0	18,0	28,0	35
VCCOD 75-4,8	RG6	75 ± 3	11,0	16,0	25,0	38,0	35

