75 Ω coaxial cables with 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(type VCEOY), copper conductor cl. 2(type VLEOY)
- **Insulation material:** polyethylene
- **Shield construction:** Cu braiding with >91 % covering
- **Sheath cable:** PVC (type VCEOY), double sheating PE+PVC (type VLEOY)

Technical data:

- **Capacity:** 67 pF/m
- **Propagation velocity :** 0,66

Aplication 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]
VCEOY 75-3,7	RG59	25	70	47	0,6	3,7	6
VCEOY 75-4,8	RG6	30	80	65	0,75	4,8	7
VCEOY 75-7,25	RG11	40	100	130	1,15	7,25	10,3
VLEOY 75-3,7	RG59	25	70	47	0,63 (7x0,21)	3,7	6
VLEOY 75-7,25	RG11	40	100	130	1,2 (7x0,40)	7,25	10,3

Cable type	Cable type acc. to RG MIL-C-17	Wave impedance	Attenuation (at 20°C) at a frequncy in MHz: 200 400 800 1700 (measured values)				Screening efficiency to 1000 MHz
		[Ω]	[dB/100 m]				[dB]
VCEOY 75-3,7	RG59	75 ± 3	17,0	27,0	37,0	57,5	35
VCEOY 75-4,8	RG6	75 ± 3	13,0	19,0	28,0	44,0	35
VCEOY 75-7,25	RG11	75 ± 3	9,0	14,0	20,0	33,0	35
VLEOY 75-3,7	RG59	75 ± 3	20,0	28,0	42,0	66,0	35
VLEOY 75-7,25	RG11	75 ± 3	10,5	15,0	23,5	36,0	35

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