



75 Ω coaxial cables with foam PE insulation, with J type shielding (longitudinal covered AIPET tape+ CuSn 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:** longitudinal covered AIPET tape+ CuSn braiding with 50 % covering
- **Sheath cable:** PVC (type VCCJY), double sheathing PE+PVC (type VCCJD), PE (type VCCJE, used to ground), self-supporting cable (type VCCJY-N)

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 [g/m]	Inner core diameter [mm]	Diameter over insulation [mm]	Outer diameter [mm]
		[mm]	[N]				
VCCJY 75-2,6	-	15	40	33	0,6	2,6	4,5
VCCJY 75-3,7	RG59	25	50	42	0,8	3,7	6
VCCJY 75-4,8	RG6	30	60	52	1,1	4,8	7
VCCJY 75-7,25	RG11	40	80	98	1,6	7,25	10,3
VCCJY-N 75-4,8	(RG6)	50	2270*	100	1,1	4,8	11x7
VCCJY-N 75-7,25	(RG11)	70	5680**	190	1,6	7,25	16x10,5
VCCJD 75-7,25	RG 11	40	80	155	1,6	7,25	11,6
VCCJE 75-7,25	RG 11	40	80	101	1,6	7,25	10,3

* Max. permissible pulling force of wires 1270 MPa

** Max. permissible pulling force of wires 1700 MPa



Cable type	Cable type acc. to RG MIL-C-17	Wave impedance [Ω]	Attenuation (at 20°C) at a frequency in MHz: 200 400 800 1700 (measured values)				Screening efficiency to 1000 MHz [dB]
			[dB/100 m]				
VCCKY 75-2,6	-	75 ± 3	18,0	25,0	36	55	75
VCCJY 75-3,7	RG59	75 ± 3	11,9	17,2	25,5	38,2	75
VCCJY 75-4,8	RG6	75 ± 3	9,3	13,2	19,5	30,1	75
VCCJY 75-7,25	RG11	75 ± 3	6,3	9,4	14,0	22,0	75
VCCJY-N 75-4,8	(RG6)	75 ± 3	9,3	13,2	19,5	30,1	75
VCCJY-N 75-7,25	(RG11)	75 ± 3	6,3	9,4	14,0	22,0	75
VCCJD 75-7,25	RG 11	75 ± 3	6,3	9,4	14,0	22,0	75
VCCJE 75-7,25	RG 11	75 ± 3	6,3	9,4	14,0	22,0	75