



Halogen-free 75 Ω coaxial cables with XPE 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. Cables are reduced flame propagation according to STN EN 60332-2-1 (STN EN 50266-2-...), halogen-free, with low density of smoke according to STN EN 61034-2 and with low corrosivity of combustion gases according to STN EN 50267-2-3. Cables can be used in the fire hazard conditions and can be installed on flammable material.

### Cable construction:

- **Core construction:** copper conductor cl. 1
- **Insulation material:** cross-linked polyethylene
- **Shield construction:** longitudinal covered AIPET tape+ CuSn braiding with 50 % covering
- **Sheath cable:** halogen-free, flame-retardant material

### Technical data:

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

### 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]	[g/m]	[mm]	[mm]	[mm]
VCXJE-R 75-3,7	RG59	25	60	46	0,6	3,7	6
VCXJE-R 75-4,8	RG6	30	70	58	0,75	4,8	7
VCXJE-R 75-7,25	RG11	40	100	110	1,15	7,25	10,3

Cable type	Cable type acc. to RG MIL-C-17	Wave impedance [Ω]	Attenuation (at 20°C) at a frequency in MHz:				Screening efficiency to 1000 MHz [dB]
			200	400	800	1700	
			(measured values) [dB/100 m]				
VCXJE-R 75-3,7	RG59	75 ± 3	16,0	25,0	36,0	55,0	75
VCXJE-R 75-4,8	RG6	75 ± 3	12,5	18,5	27,5	44,0	75
VCXJE-R 75-7,25	RG11	75 ± 3	9,0	14,0	20,0	33,0	75

