

75 Ω Coaxial Video Cable

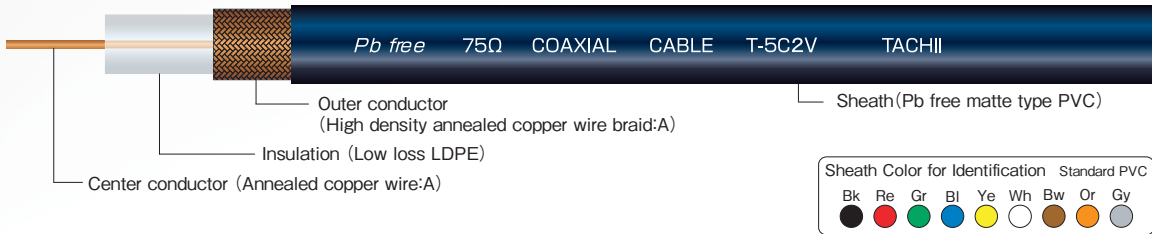
Application

- For video signal transmission of SD-SDI and 1GHz or lower.
- Best suited for long-distance transmission at fixed installation.

Features

- TCX-3C2VS/5C2VS are suitable for moving parts.
- TCX-3C2V/5C2V are suitable for long-distance transmission at fixed installation.
- We can produce cable harness with BNC connectors. Ask our sales staff for details.
- Eco type is also available.

Configuration



Construction/Properties

Model	Center conductor	Insulation	Outer conductor (Braid)		Finished cable		Electrical specification			
	Structure Wires/mm		Structure Spindles/Wires/mm	Density %	OD mm	Weight k g / 100 m	Conductor resistance Ω / k.m	Capacitance p F / m	Characteristic impedance Ω	Return loss d B
		OD mm						1kHz	10MHz	1M ~ 1.5GHz
TCX-3C2VS	7/0.18A	3.1	16/7/0.12A	93	5.4	4.0	102.7max.	67	75 ± 3	20.9min.
TCX-5C2VS	7/0.26A		24/7/0.12A	93	7.4	6.9	52.2max.			
TCX-3C2V	1/0.50A		24/5/0.14A	97	5.4	4.4	91.4max.			
TCX-5C2V	1/0.80A		24/7/0.14A	94	7.4	7.4	35.9max.			

Nominal Attenuation

Model	Nominal attenuation value (dB / 100 m)												
	10 MHz	30 MHz	72 MHz	88 MHz	90 MHz	135 MHz	180 MHz	220 MHz	270 MHz	440 MHz	750 MHz	770 MHz	1000 MHz
TCX-3C2VS	4.5	7.8	12.2	13.5	13.6	16.8	19.5	21.7	24.2	31.4	42.1	42.6	49.6
TCX-5C2VS	3.2	5.3	8.3	9.1	9.2	11.4	13.2	14.7	16.4	21.3	28.5	28.8	33.4
TCX-3C2V	4.2	7.1	11.2	12.4	12.6	15.5	18.0	19.9	22.2	28.8	38.2	38.9	44.7
TCX-5C2V	2.7	4.4	5.9	7.7	7.8	9.7	11.2	12.5	13.9	18.0	24.1	24.5	28.3

* Standard value is our measurement representative value.