Multiple Coaxial Cable

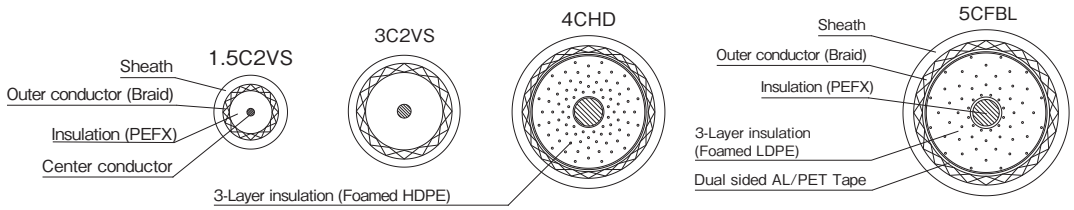
Application

- Put multiple wires into a single cable.

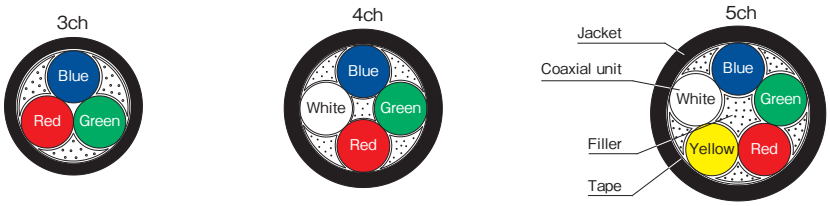
Features

- Putting several coaxial cables together into a single cable.
- Easy to install and remove.
- We can produce cable harness with BNC connectors. Ask our sales staff for details.

Unit Configuration



Finished Cable Configuration



Construction/Properties

Model	CH NO.	Center conductor	Insulation	Outer conductor (Braid)		Unit	Finished cable		Electrical specification			
		Structure Wires/mm	OD mm	Structure Spindles/Wires/mm	Density %	OD mm	OD mm	Weight kg／100 m	Conductor resistance Ω／km	Capacitance pF／m 1kHz	Characteristic impedance Ω 10MHz	Return loss dB ※1
TCX3-1.5C2VS	3	7/0.09A	1.54	16/5/0.1A	95	2.65	7.4	6.4	452max.	67	75±3	20.9min.
TCX4-1.5C2VS	4						8.4	8.5				
TCX5-1.5C2VS	5						9.2	10.3				
TCX3-3C2VS	3	7/0.18A	3.1	24/5/0.14A	97	4.4	11.5	15.5	107.9max.			
TCX4-3C2VS	4						13.0	20.5				
TCX5-3C2VS	5						14.2	24.6				
TCX5-5CFBL	5	1/1.05A	4.95	24/7/0.14TA	93	6.5	21.1	45.8	20.2max.	56		
TCX5-4CHD	5		4.3	24/7/0.12TA	93	5.7	18.2	32.3		53		

※1 1.5C2VS、3C2VS、5C2VS : Intended frequency 1M～1.5GHz / 5CFBL、4CHD : Intended frequency 1M～3GHz

Nominal Attenuation

Unit Configuration 名	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	742.5 MHz	750 MHz	770 MHz	1000 MHz	1300 MHz	1485 MHz	2000 MHz	2400 MHz	3000 MHz
1.5C2VS	9.1	15.6	24.0	26.6	26.9	33.1	38.2	42.3	46.9	60.4	–	79.8	–	92.7	–	–	–	–	–
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	–	–	–	–	–
4CHD	2.7	3.9	5.5	6.0	6.1	7.3	8.3	9.2	10.2	13.2	17.3	–	17.7	–	23.1	24.8	29.0	32.0	35.9
5CFBL	2.4	3.7	5.4	5.9	5.9	7.2	8.2	9.1	10.2	13.2	17.5	–	17.9	–	23.8	25.6	30.2	33.4	37.8

※ Standard value is our measurement representative value.