

■ Data+Coaxial Cable

■ Twisted Pair Data Cable

Cable Type	Conductor				Insulation		Shielded			Jacket			Rated voltage	Ambient temperature
	Parameters	Gauge AWG	Contact	Material	Material	Dia.	Structure	Material	Coverage	Material	Dia.	Color		
FC.PRN08.2401	7/0.2	AWG24	4P	Bare copper wire	HDPE	1	Tinned copper wire	Tinned copper wire	60%	PU	5.7	Black	60V	-40°C~+80°C
FC.PRN16.2603	19/0.10	AWG26	8P	Tinned copper wire	PP	0.9	Tinned copper wire	Tinned copper wire	80%	PU	7	Black	30V	-40°C~+80°C
FC.PRN26.2801	7/0.127	AWG28	13P	Tinned copper wire	PP	0.62	Tinned copper wire	Tinned copper wire	65%	PVC	6.3	Black	30V	-40°C~+82°C
FC.PRN32.2601	7/0.16	AWG26	16P	Tinned copper wire	HDPE	0.8	Tinned copper wire	Tinned copper wire	85%	PU	8.3	Black	60V	-40°C~+80°C
FC.PRN48.2601	7/0.16	AWG26	24P	Tinned copper wire	PP	0.8	Tinned copper wire	Tinned copper wire	85%	PU	9.9	Black	60V	-40°C~+80°C

■ High Temperature Resistant Data Cable

Cable Type	Conductor				Insulation		Shielded			Jacket			Rated voltage	Ambient temperature
	Parameters	Gauge AWG	Contact	Material	Material	Dia.	Structure	Material	Coverage	Material	Dia.	Color		
FC.SRN04.2601	39/0.07	AWG26	4C	Tinned copper wire	FEP	0.85	Braids	Tinned copper wire	80%	Silicone	4.7	Black	300V	-60°C~+200°C
FC.SRN06.2401	7/0.22	AWG24	3P	Tinned copper wire	FEP	1.1	Braids	Tinned copper wire	85%	Silicone	6.5	Black	600V	-60°C~+200°C
FC.SGG08.2801	7/0.12	AWG28	8C	Tinned copper wire	FEP	0.68	Braids	Tinned copper wire	85%	Silicone	5.5	Gray	300V	-60°C~+200°C

■ Single Core Coaxial Cable

Cable Type	Conductor		Insulation		Shielded		Jacket			Characteristic Resistance (Ohm)	Test voltage (DC/1min)	Ambient temperature
	Parameters	Material	Material	Dia.	Material	Coverage	Material	Dia.	Color			
FC.FPG01.5001	7/0.08	Silver plated copper wire	PFA	0.68	Silver plated copper wire	95%	PFA	1.13	Gray	50	0.5KV	-55°C~+180°C
FC.RG178.0001	7/0.1	Silver plated copper wire	PTFE	0.86	Silver plated copper wire	90%	FEP	1.8	Light brown	50	3KV	-40°C~+200°C
FC.RG316.5001	7/0.18	Silver plated copper wire	PTFE	1.5	Silver plated copper wire	90%	FEP	2.54	Light brown	50	3.6KV	-40°C~+200°C
FC.017420	7/0.16	Bare copper	PE	1.5	Tinned copper wire	85%	PVC	2.8	Black	50	3KV	-20°C~+80°C
FC.PRN01.2601	7/0.16	Tinned copper wire	PE	1.5	Tinned copper wire	95%	TPU	2.8	Black	50	2KV	-40°C~+80°C
FC.RG58N.5001	19/0.18	Tinned copper wire	PE	2.95	Tinned copper wire	90%	PVC	5	Black	50	5KV	-20°C~+80°C
FC.RG179.0001	7/0.1	Tinned copper wire	PTFE	1.6	Silver plated copper wire	95%	FEP	2.54	Light brown	75	3.6KV	-40°C~+200°C
FC.PVN01.7501	1/0.25	Bare copper	PE	1.5	Bare copper	96%	PVC	2.8	Black	75	2	-20°C~+80°C
FC.PRN01.7501	7/0.16	Tinned copper wire	PE	2.9	Tinned copper wire	85%	TPU	5	Black	75	2KV	-40°C~+80°C
FC.RG59N.0001	1/0.584	Bare copper clad steel	PE	3.7	Bare copper	95%	PV	6	Black	75	1.7KV	-40°C~+80°C

■ Coaxial Triaxial Cable

Cable Type	Conductor		Insulation		Inner Shield			Inner Jacket		
	Parameters	Material	Material	Dia.	Structure	Material	Coverage	Material	Dia.	Color
FC.SFF50.0201	7/0.18	Silver plated copper wire	PTFE	1.5	Braids	Tinned copper wire	95%	FEP	2.4	Light brown
FC.SFF75.021	7/0.10	Silver plated copper wire	PTFE	1.6	Braids	Tinned copper wire	95%	FEP	2.54	Light brown
FC.TRN75.0001	7/0.16	Bare copper	FM-PE	2.2	Braids	Tinned copper wire	90%	TPE	3.2	Black

Cable Type	External Shield			Jacket			Characteristic Resistance (Ohm)	Test voltage (DC/1min)	Ambient temperature
	Structure	Material	Coverage	Material	Dia.	Color			
FC.SFF50.0201	Braids	Silver plated copper wire	95%	FEP	3.4	Light brown	50	1.5KV	-60°C~+200°C
FC.SFF75.021	Braids	Silver plated copper wire	95%	FEP	3.6	Light brown	75	1.5	-60°C~+200°C
FC.TRN75.0001	Braids	Tinned copper wire	90%	TEP	5	Black	75	2KV	-40°C~+80°C

■ USB2.0

Cable Type	Conductor				Insulation		Shielded			Jacket			Rated voltage	Ambient temperature
	Parameters	Gauge AWG	Contact	Material	Material	Dia.	Structure	Material	Coverage	Material	Dia.	Color		
FC.PRN04.2601	7/0.16	AWG26	2C+1P	Tinned copper wire	PP	1	Braids+Aluminum mylar	Tinned copper wire	80%	PU	4.8	Black	60V	-40°C~+80°C
FC.PRN04.2805	7/0.127	AWG28	2C+1P	Tinned copper wire	PP	0.7	Braids+Aluminum mylar	Tinned copper wire	85%	PU	3.4	Black	30V	-40°C~+80°C

■ USB3.0

Cable Type	Conductor				Insulation		Shielded			Jacket			Rated voltage	Ambient temperature
	Parameters	Gauge AWG	Contact	Material	Material	Dia.	Structure	Material	Coverage	Material	Dia.	Color		
FC.PRN26.2428	7/0.127	AWG28	2P	Tinned copper wire	FM-PE	0.9	Braids+Aluminum mylar	Tinned copper wire	85%	PU	5.7	Black	30V	-40°C~+80°C
	7/0.127	AWG28	1P		HDPE	0.7								
	7/0.2	AWG24	2C+1P		SR-PVC	1.1								