

Coaxial cable(CPR EN:50575 Eca)

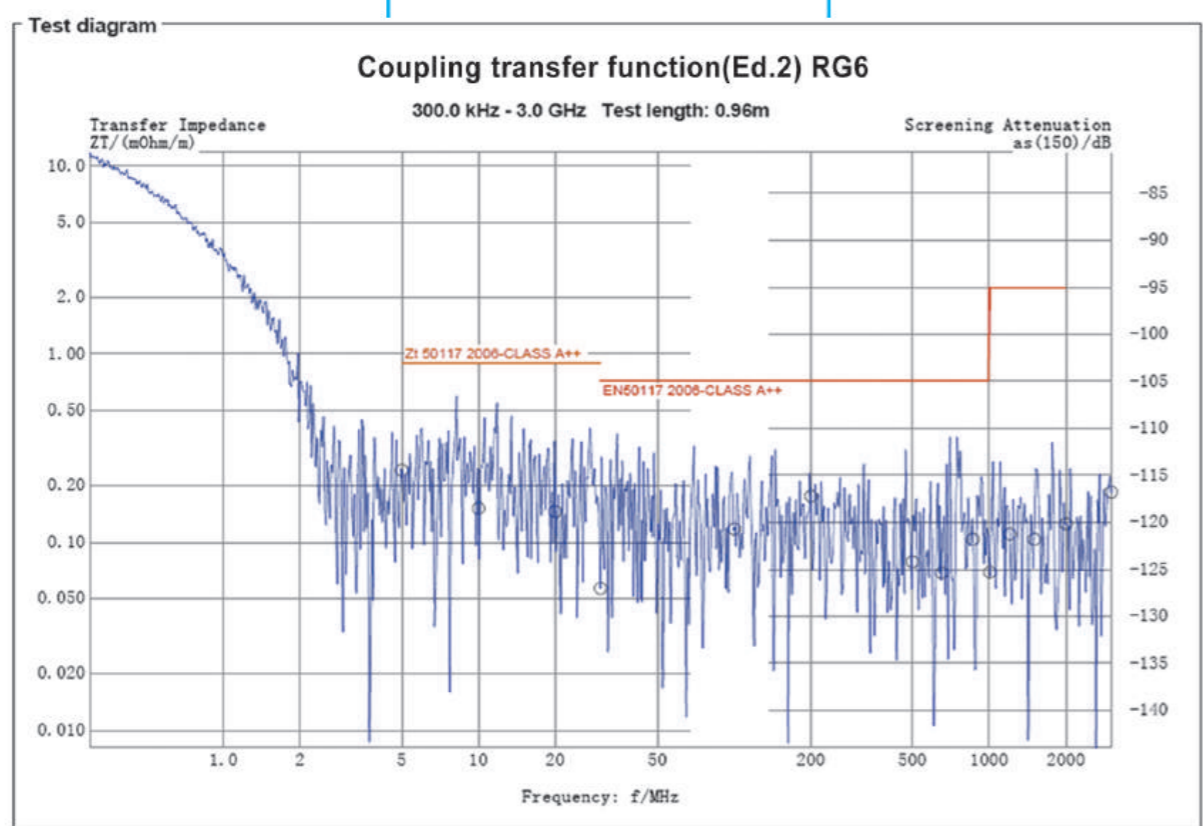
TSM-CC0001			TSM-CC0002			TSM-CC0003		
inner conductor ϕ mm:	1,0	Cu / CCS	1,0	Cu / CCS	1,13	Cu / CCS		
insulation ϕ mm:	4,6	Foam PE 60%	4,8	Foam PE 63%	4,8	Foam PE 63%		
1. screening, foil	Al foil	double faced	Al foil	Bonded	Al foil	Bonded 20% overlapping		
2. screening shield	96 x 0,12	(20% overlapping)	128 x 0,12	Al	128 x 0,12	CCA/BC		
3. screening shield		Al	Al foil	double faced	Al foil	double faced		
4. screening shield					128 x 0,12	Al		
jacket ϕ mm,	6,8	PVC / white	7,0	PVC / white	7,4	PVC / white		
Attenuation								
at 20°C in dB/100 m								
	100 MHz	5,2 dB	100 MHz	4,9 dB	100 MHz	4,8 dB		
	200 MHz	8,3 dB	200 MHz	6,7 dB	200 MHz	6,5 dB		
	300 MHz	10,1 dB	300 MHz	8,5 dB	300 MHz	8,4 dB		
	500 MHz	12,8 dB	500 MHz	11,9 dB	500 MHz	11,3 dB		
	800 MHz	16,2 dB	800 MHz	15,3 dB	800 MHz	14,8 dB		
	1000 MHz	19,8 dB	1000 MHz	17,4 dB	1000 MHz	16,6 dB		
	1350 MHz	22,1 dB	1350 MHz	21,3 dB	1350 MHz	19,8 dB		
	1750 MHz	26,5 dB	1750 MHz	23,9 dB	1750 MHz	22,7 dB		
	2050 MHz	30,2 dB	2050 MHz	27,3 dB	2050 MHz	24,9 dB		
impedance		75 Ω		75 Ω		75 Ω		
screening immunity		> 90 dB		> 100 dB		> 125 dB		
velocity factor v/c		0,80		0,80		0,80		
min. bending radius		mm 35		40		80		



KLASSE A CLASS ≥ 85 dB @30...3000 MHz

KLASSE A+ CLASS ≥ 95 dB @30...3000 MHz

KLASSE A++ CLASS ≥ 105 dB @30...3000 MHz



Screening Attenuation(EN50117) RG6

Coaxial cable(CPR EN:50575 Eca)

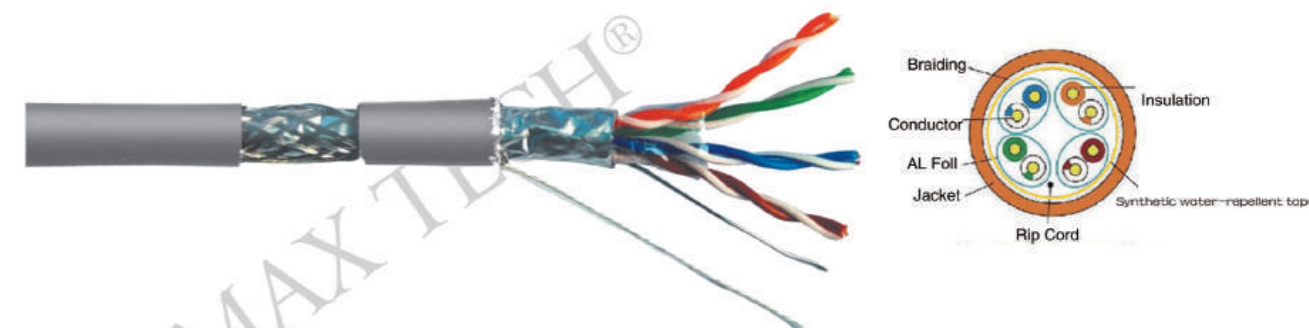
TSM-CC0004		TSM-CC0006		TSM-CC0007	
RG-6 Special Item		RG-59 coaxial cable 75 Ω		RG-58 coaxial cable 50 Ω	
① Transparent		Inner conductor : 1 x 0.65 ± 0.02mm bare copper / copper covered steel Insulator : foamPE/Solid PE 3.7 ± 0.1mm Shield : al foil 13 x 0.04mm/double shield/ bonded shield Shield : copper /CCA/CCS/AL-MG 0.1mm/0.12mm/0.15mm x 32/48/64/80/96/112/128/144 External jacket(black/white/transprent PVC/PE) Cable external diameter : 6.0 ± 0.1mm Impedance : 75 ± 3 Ω Capacitance : 53pf/m ± 3	Inner conductor: 1 x 0.81 ± 0.002mm bare copper / copper covered steel/tinned copper Insulator: foamPE/Solid PE 2.95 ± 0.05mm Shield: al foil 13 x 0.04mm/double shield/ bonded shield Shield: copper /CCA/CCS/AL-MG 0.1mm/0.12mm/0.15mm x 32/48/64/80/96/112/128/144 External jacket(black/white/transprent PVC/PE) Cable external diameter: 6.0 ± 0.1mm Impedance: 50 ± 3 Ω Capacitance: 65pf/m ± 3		
② twins					
③ 4RG6					
④ color line					
⑤ with messenger					
TSM-CC0005		TSM-CC0008		TSM-CC0009	
RG3C-2V coaxial cable 50 Ω		RG59+Power cable		RG-11 coaxial cable 75 Ω	
Inner conductor : 1 x 0.5 ± 0.02mm bare copper /copper covered steel Insulator : foamPE/Solid PE 2.95 ± 0.05mm Shield : al foil 11 x 0.04mm/double shield/ bonded shield Shield : copper /CCA/CCS/AL-MG 0.1mm/0.12mm/0.15mm x 32/48/64/80/96/112/128/144 External jacket(black/white/transprent PVC/PE) Cable external diameter : 5.0 ± 0.1mm Impedance : 50 ± 3 Ω Capacitance : 55pf/m ± 3		Inner conductor: 1 x 1.63 ± 0.02mm bare copper /copper covered steel Insulator: foamPE/Solid PE 7.3 ± 0.2mm Shield: al foil 25 x 0.04mm/double shield/ bonded shield Shield: copper/CCA/CCS/AL-MG 0.1mm/0.12mm/0.15mm x 32/48/64/80/96/112/128/144 External jacket(black/white/transprent PVC/PE) Cable external diameter: 10.3 ± 0.2mm Impedance: 75 ± 3 Ω Capacitance: 50pf/m ± 3		Inner conductor: 1 x 1.63 ± 0.02mm bare copper /copper covered steel Insulator: foamPE/Solid PE 7.3 ± 0.2mm Shield: al foil 25 x 0.04mm/double shield/ bonded shield Shield: copper/CCA/CCS/AL-MG 0.1mm/0.12mm/0.15mm x 32/48/64/80/96/112/128/144 External jacket(black/white/transprent PVC/PE) Cable external diameter: 10.3 ± 0.2mm Impedance: 75 ± 3 Ω Capacitance: 50pf/m ± 3	
Attenuation dB/100m		Attenuation dB/100m		Attenuation dB/100m	
50MHZ 8.9		200MHZ 6.4		200MHZ 6.4	
200MHZ 12.7		400MHZ 9.04		400MHZ 9.04	
400MHZ 19.2		550MHZ 10.7		550MHZ 10.7	
600MHZ 26		860MHZ 13.4		860MHZ 13.4	
750MHZ 30.5		1000MHZ 14.43		1000MHZ 14.43	
TSM-CC0006		TSM-CC0007		TSM-CC0008	
RG59+Telephone cable		RG59+4C cable		RG-11	

Packing



Network cable

SFTP 4 Pairs cable-cat5e-100MHz



Category	SFTP CAT5e-4P			Jacket Physical Properties	Before Aging Tensile Strength(Mpa)	≥13.5
Test Standard	ISO/IEC11801、TIA-568-C.2				Elongation(%)	≥150
Conductor	Material	SOLID-Bare Copper			Aging Period(°C x hrs)	100°C x 24h x 7d
	Nom.O.D.(mm)	0.510	±0.003		After Aging Tensile Strength(Mpa)	≥12.5
Insulation	Material	HDPE		Elongation(%)	≥125	
	Diameter	1.00±0.03mm		Coldbend(-20±2°C x 4h)	No visible cracks	
Shield	AL Foil	Drain wire	0.40mmTC	Electrical Characteristics (20°C)	Impedance(Ω)	100±15
Braid	TC Coverage	Rip-cord	Yes		DelayShew(ns/100m)	≤45
Jacket	Thickness	0.55±0.05mm			NVP	73%
	ExternalO.D.	6.5±0.3mm			Capacitance(nf/100m) max	5.6
	Material	PVC/LSZH		Pair to Ground Unbalance (pf/100m)max	330	
	Color	According to the requires		DC Resistance20°C(Ω/100m) max	9.5	
				DC Resistance Unbalance(%) max	5.0	

Technical Performance(100m):								
Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	ACR ≥dB	Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1.0	20.0	2.1	65.3	63.3	1.0	62.3	63.8	60.8
4.0	23.0	4.1	56.3	52.2	4.0	53.3	51.8	48.8
8.0	24.5	5.8	51.8	46.0	8.0	48.8	45.7	42.7
10.0	25.0	6.8	50.3	43.8	10.0	47.3	43.8	40.8
16.0	25.0	8.2	47.2	39.0	16.0	44.4	39.7	36.7
20.0	25.0	9.3	45.8	36.5	20.0	42.8	37.8	34.8
25.0	24.3	10.4	44.3	33.9	25.0	41.3	35.8	32.8
31.25	23.6	11.7	42.9	31.2	31.25	39.9	33.9	30.9
62.5	21.5	17.0	38.4	21.4	62.5	35.4	27.9	24.9
100	20.1	22.0	35.3	13.3	100	32.3	23.8	20.8