

Coaxial Cables



SUPERCOMAL TECHNOLOGIES BERHAD

(Company Number: 197527-H)

(Formerly known as Supercomal Wire & Cable Sdn. Bhd.)

(Incorporated in Malaysia under the Companies Act, 1965)

(A MESDAQ Listed Company)

Tel: (60-4) 441-1822

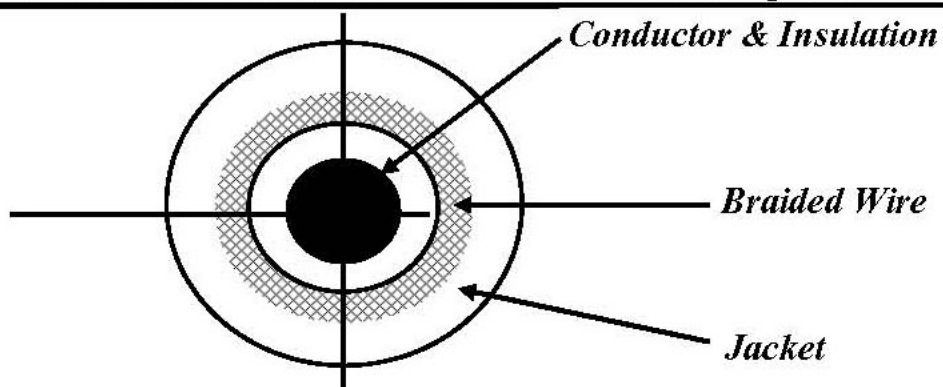
Fax: (60-4) 441-1755

Web: www.supercomal.com.my E-Mail: sales@supercomal.com.my

Other constructions available:-

- Patch cord cable
- Cat. 5 cable, Cat. 5 Enhanced cable
- IEEE 1394 Cable
- Fibre Cable

SUPERCOMAL TECHNOLOGIES BHD. [197527-H]



WIRE CONFIGURATION & MATERIAL

<i>Style & Rating</i>		<i>General Coaxial Cable</i>
<i>Conductor</i>	<i>Material</i>	<i>Solid (Bare Copper Wire)</i>
	<i>Configuration</i>	<i>1/0.643mm (0.635mm Min.)</i>
	<i>Stranded Pitch</i>	<i>-</i>
	<i>Stranded Diameter</i>	<i>About 0.643mm</i>
<i>Insulation</i>	<i>Material</i>	<i>Foamed Polyethylene</i>
	<i>Minimum Thickness</i>	<i>1.300mm (Average)</i>
		<i>1.040mm (At any point)</i>
	<i>Diameter</i>	<i>3.60 ± 0.10mm</i>
<i>Colour</i>	<i>Natural</i>	
<i>Braided Wire (Specification)</i>		<i>16/7/0.12mm (Bare Annealed Copper)</i>
<i>Jacket</i>	<i>Material</i>	<i>Polyvinyl Chloride (6C)</i>
	<i>Minimum Thickness</i>	<i>0.900mm (Average)</i>
	<i>Thickness</i>	<i>0.720mm (at any point)</i>
	<i>Colour</i>	<i>Black</i>
<i>Finished Diameter</i>		<i>6.00 ± 0.15mm</i>

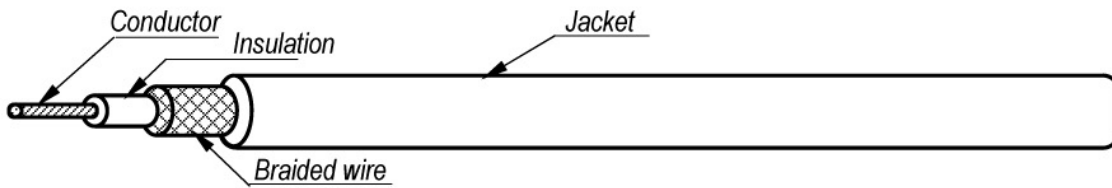
WIRE TESTING STANDARD

<i>Cable</i>	<i>Style</i>	<i>General Coaxial Cable (RG59/U)</i>
	<i>Rating</i>	<i>60°C 300V</i>
	<i>Specification</i>	<i>Please refer to Cable Configuration</i>
<i>Conductor Resistance</i>		<i>Under 56.1 ohm/KM at 25°C</i>
<i>Insulation Resistance (In Water)</i>		<i>Above 5.00 Mohm/KM at 20°C</i>
<i>Dielectric Strength (In Air AC 1500V)</i>		<i>After 1 minute, no damage or break down</i>
<i>Spark Test</i>	<i>Insulation AC3000V</i>	<i>After 0.15 seconds, no damage or break down</i>
	<i>Jacket AC5000V</i>	
<i>Insulation (Unaged)</i>	<i>Elongation</i>	<i>Above 100%</i>
	<i>Tensile Strength</i>	<i>Above 1500 PSI</i>
<i>Jacket (Unaged)</i>	<i>Elongation</i>	<i>Above 100%</i>
	<i>Tensile Strength</i>	<i>Above 1500 PSI</i>
<i>Capacitance</i>		<i>Maximum 57 pf/meter</i>
<i>Impedance</i>		<i>75 Ω ± 15%</i>

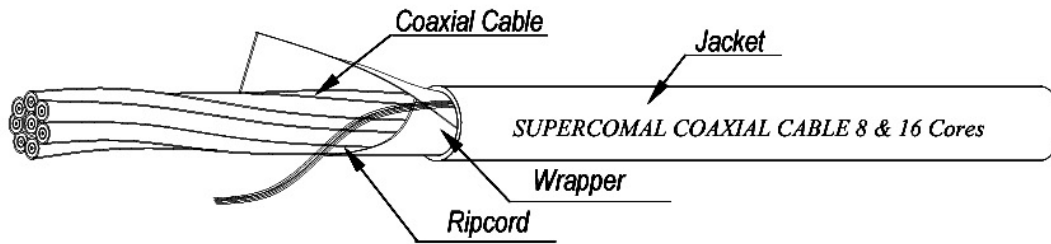
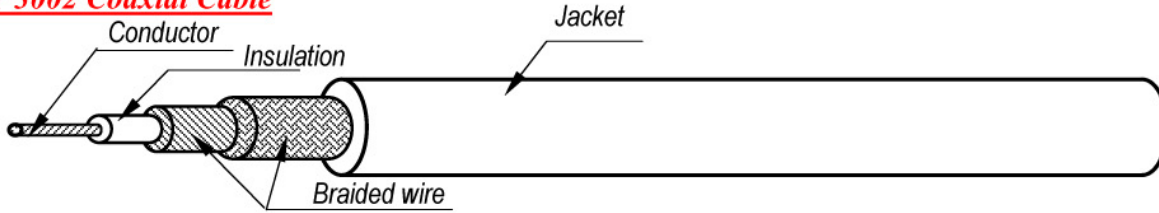
Printing reel No. & contents : (841)

CCTV COAXIAL CABLE RG59/U 75W

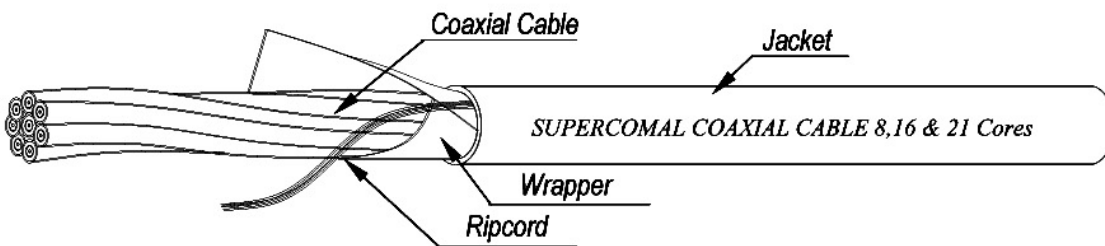
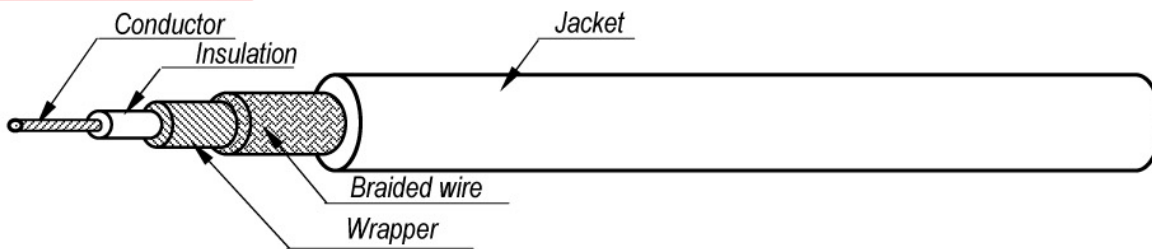
50 Ω , 75 Ω & RG-Type Coaxial Cable



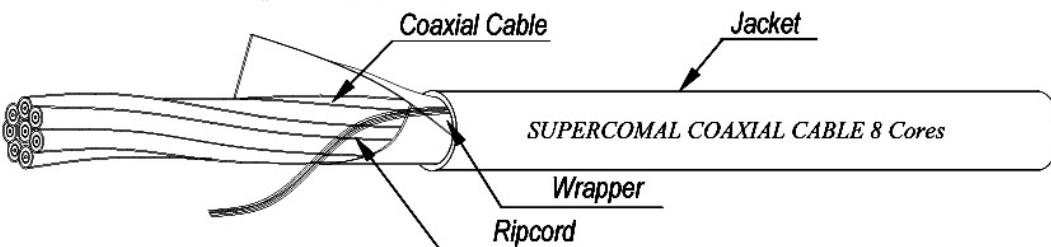
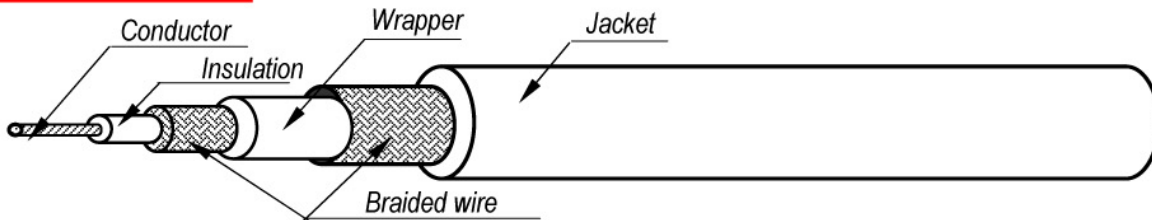
BT 3002 Coaxial Cable



ST 212 Coaxial Cable



ST 214 Coaxial Cable



STB Group
Supercomal Advanced Cables SDN. BHD.
(A subsidiary of STB) (405437-H)



Coaxial Cable



TYPE	CONDUCTOR		DIA. OVER INS.	BRAID SHIELD		NOM. O.D.	JACKET MATERIAL	NOM. IMPED.	NOMINAL CAPACITANCE	NOMINAL ATTENUATION
	No./mm	MTRL		INNER	OUTER					
	mm	mm	No./mm	No./mm	mm	Ohm	pF/m	dB/km		
RG-5/U	1/1.29	BC	4.7	16/9/0.16	16/9/0.16	8.4	PVC	52.5	93.5	85
RG-7/U	1/0.914	BC	6.35	24/7/0.18	—	9.4	PVC	94.5	41.0	66
RG-8/U	7/0.724	BC	7.24	24/8/0.18	—	10.3	PVC	52	96.8	69
RG-8A/U	7/0.724	BC	7.24	24/8/0.18	—	10.3	NC-PVC	52	96.8	69
RG-11/U	7/0.404	TC	7.24	24/8/0.18	—	10.3	PVC	75	67.3	76
RG-11A/U	7/0.404	TC	7.24	24/8/0.18	—	10.3	NC-PVC	75	67.3	76
RG-13/U	7/0.404	TC	7.11	24/9/0.16	24/8/0.16	10.7	PVC	74	67.3	76
RG-13A/U	7/0.404	TC	7.11	24/9/0.16	24/8/0.16	10.7	NC-PVC	74	67.3	76
RG-14/U	1/2.59	BC	9.40	24/10/0.18	24/8/0.18	13.8	PVC	52	96.8	46
RG-14A/U	1/2.59	BC	9.40	24/10/0.18	24/8/0.18	13.8	NC-PVC	52	96.8	46
RG-15/U	1/1.45	CCS	9.40	24/10/0.18	24/8/0.18	13.8	PVC	76	65.6	49
RG-17/U	1/4.78	BC	17.3	24/14/0.26	—	22.1	PVC	52	96.8	28
RG-17A/U	1/4.78	BC	17.3	24/14/0.26	—	22.1	NC-PVC	52	96.8	28
RG-19/U	1/6.35	BC	23.1	36/12/0.26	—	28.5	PVC	52	96.8	22
RG-19A/U	1/6.35	BC	23.1	36/12/0.26	—	28.5	NC-PVC	52	96.8	22
RG-22/U	7/0.386x2C	BC	7.24	24/8/0.18	—	10.3	PVC	95	52.5	118
RG-22A/U	7/0.386x2C	BC	7.24	24/8/0.16	24/8/0.16	10.7	PVC	95	52.5	118
RG-22B/U	7/0.386x2C	BC	7.24	24/8/0.16	24/8/0.16	10.7	NC-PVC	95	52.5	118
RG-29/U	1/0.813	BC	2.95	16/7/0.127	—	4.7	PE	53.5±2.5	93.5	138
RG-34/U	7/0.724	BC	11.6	24/9/0.16	—	15.9	PVC	71±3	70.5	46
EG-34B/U	7/0.632	BC	11.7	24/10/0.18	—	16.0	NC-PVC	75±3	67.0	48
RG-54A/U	7/0.386	BC	4.52	16/9/0.16	—	6.1	PE	58±2.5	85.8	187
RG-55/U	1/0.813	BC	2.90	16/7/0.127	16/7/0.127	5.0	PE	53.5±2.5	93.6	138



TYPE	CONDUCTOR		DIA. OVER INS.	BRAID SHIELD		NOM. O.D.	JACKET MATERIAL	NOM. IMPED.	NOMINAL CAPACITANCE	NOMINAL ATTENUATION
	No./mm	MTRL		INNER	OUTER					
	mm	mm	No./mm	No./mm	mm	ohm	pF/m	dB/km		
RG-58/U	1/0.813	BC	2.95	16/7/0.127	—	4.95	PVC	53.5±2.5	93.5	138
RG-58A/U	19/0.18	TC	2.95	16/7/0.127	—	4.95	PVC	50±2	93.5	174
RG-58C/U	19/0.18	TC	2.95	16/7/0.127	—	4.95	NC-PVC	50±2	93.5	174
RG-59/U	1/0.643	CCS	3.71	16/7/0.16	—	6.15	PVC	73±3	68.9	125
RG-59A/U	1/0.643	CCS	3.71	16/7/0.16	—	6.15	NC-PVC	73±3	68.9	125
RG-59B/U	1/0.584	CCS	3.71	16/7/0.16	—	6.15	NC-PVC	75±3	68.9	112
RG-63/U	1/0.643	CCS	7.24	24/8/0.18	—	10.3	PVC	125	32.8	66
RG-63B/U	1/0.643	CCS	7.24	24/8/0.18	—	10.3	NC-PVC	125±6	32.8	66
RG-71/U	1/0.643	CCS	3.71	16/7/0.16	16/9/0.127	6.4	PE	93	44.3	102
RG-89/U	1/0.643	CCS	7.24	16/12/0.18	—	16.0	PVC	125	32.8	66
RG-108/U	7/0.32x2C	TC	1.84	16/6/0.127	—	6.2	NC-PVC	78±6.5	74.3	—
RG-108A/U	7/0.32x2C	TC	2.01	16/6/0.127	—	5.97	NC-PVC	78±7	74.3	—
RG-122/U	27/0.127	TC	2.44	16/6/0.127	—	4.06	NC-PVC	50±2	105	195
RG-130/U	7/0.724x2C	BC	12.0	24/8/0.26	—	15.9	PVC	95±5	56	99
RG-133A/U	1/0.645	BC	7.2	24/8/0.18	—	10.3	NC-PVC	95	53	76
RG-164/U	1/2.65	BC	17.3	24/14/0.26	—	22.1	NC-PVC	75±3	67	30
RG-213/U	7/0.752	BC	7.24	24/8/0.18	—	10.3	NC-PVC	50±2	100	69
RG-216/U	7/0.404	TC	7.24	24/9/0.16	24/8/0.16	10.8	NC-PVC	75±3	67	88
RG-217/U	1/2.69	BC	9.4	24/10/0.18	24/8/0.18	13.8	NC-PVC	50±2	100	50