



ISO 9001:2000
File Number : A8871

THAI *Wonderful* Wire Cable

Coaxial Cable

The Absolute Solution to your Wire and Cable

Coaxial Cable

Applications:

•For Internal wiring of TV, radio, receivers, VTR, tape recorders, another electronic equipment.

Product Description:

Stranded or solid, tinned or bare, copper or copper alloy conductor.

PE or FRPE insulation.

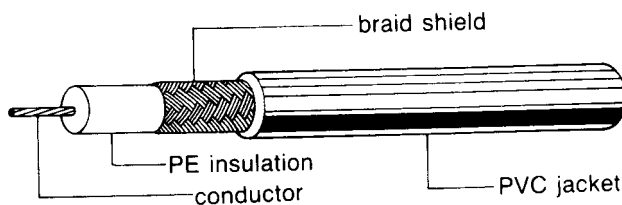
Tinned or bare copper wire braid shield.

Low losses and low propagation delay, Crosstalk kept to minimum.

Rated temperature : °60 C, Rated voltage : 300 volts.

Passes VW-1 vertical flame test.

Construction:



UL Style	Conductor		Insulation Thickness	Braid Shield	Overall Diameter	Jacket Thickness	Standard Put-Up	
	AWG	No./mm	mm	No./mm	mm	mm	ft/coil	M/coil
UL 1107 (Standard)	30	7/0.102	0.4	16/4/0.102	0.40	2.4±0.10	2000	610
	28	7/0.127		16/4/0.102		2.5±0.10	2000	610
	26	7/0.160		16/4/0.127		2.8±0.10	2000	610
	24	7/0.203		16/4/0.127		2.9±0.10	2000	610
	22	7/0.254		16/4/0.127	0.60	3.3±0.15	2000	610
UL 1107 (Solid)	30	1/0.254	0.4	16/4/0.102	0.40	2.4±0.10	2000	610
UL 1365 (Standard)	30	7/0.102	0.66	16/4/0.127	0.40	3.0±0.10	1000	305
	28	7/0.127		16/4/0.127		3.2±0.15	1000	305
	26	7/0.160		16/5/0.127		3.3±0.15	1000	305
	24	7/0.203		16/5/0.127		3.4±0.15	1000	305
	30	1/0.254		16/4/0.127	0.40	3.0±0.10	1000	305
UL 1365 (Solid)	30	1/0.254	0.66	16/4/0.127	0.40	3.0±0.10	1000	305

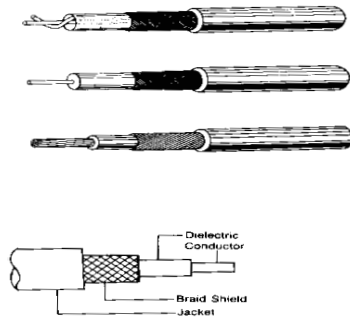


Coaxial Cable

Product Description:

Signal transmission in electronic applications and data communications is changing in a dramatic way. Cables now have to accommodate faster signal speeds over longer distances with less signal loss. Additionally, new shielding requirements to meet FCC signal loss. Additionally, new shielding requirements to meet FCC RFI/EMI emission controls, tougher fire regulations requiring low toxicity materials in plenum installations and demands for high density wiring are factors which have been considered in creating many of our new coaxial and data cable products. The TWF products in this section are designed to meet these needs for safe and reliable transmission of voice, video or data.

Construction:



Type	UL Style	Conductor		Insulation		Braid Shield			Jacket		Nom. Imped.	Nom. Capacitance	Attenuation 100MHz	Standard Put-Up	
		No./mm	MTRL	mm	MTRL	No./mm	No./mm	MTRL	mm	MTRL	Ohm	pF/m	dB-km	ft-coil	M/coil
RG-6/U	1354	1/1.024	CCS	4.57	LDPE F	16/7/0.16	-	T.C	7.4±0.20	PVC	75	56.80	69	328	100
RG-6/U	1354	1/1.024	BC	4.57	LDPE-F	16/5/0.16	-	T.C	7.4±0.20	PVC	75	56.80	70	328	100
RG-8/U	1354	7/0.724	BC	7.24	LDPE	24/8/0.18	-	B.C	10.3±0.20	PVC	52	96.8	69	328	100
RG-8A/U	1354	7/0.724	BC	7.24	LDPE	24/8/0.18	-	B.C	10.3±0.20	NC-PVC	52	96.8	69	328	100
RG-11/U	1354	7/0.404	TC	7.24	LDPE	24/8/0.18	-	B.C	10.3±0.20	PVC	75	67.3	76	328	100
RG-11A/U	1354	7/0.404	TC	7.24	LDPE	24/8/0.18	-	B.C	10.3±0.20	NC-PVC	75	67.3	76	328	100
RG-58/U	1354	1/0.813	BC	2.95	LDPE	16/7/0.127	-	T.C	4.95±0.15	PVC	53.5	93.5	138	328	100
RG-58A/U	1354	19/0.18	TC	2.95	LDPE	16/7/0.127	-	T.C	4.95±0.15	PVC	50	93.5	174	328	100
RG-58C/U	1354	19/0.18	TC	2.95	LDPE	16/7/0.127	-	T.C	4.95±0.15	NC-PVC	50	93.5	174	328	100
RG-59/U	1354	1/0.643	CCS	3.71	LDPE	16/7/0.16	-	B.C	6.15±0.15	PVC	73	68.9	125	328	100
RG-59A/U	1354	1/0.643	CCS	3.71	LDPE	16/7/0.16	-	T.C	6.15±0.15	NC-PVC	73	68.9	125	328	100
RG-59B/U	1071	1/0.584	CCS	3.71	LDPE	16/7/0.16	-	B.C	6.15±0.15	NC-PVC	73	68.9	112	328	100
RG-62/U	1354	1/0.643	CCS	3.71	LDPE	16/7/0.16	-	B.C	6.15±0.15	PVC	93	44.3	102	328	100
RG-62A/U	1478	1/0.643	CCS	3.71	LDPE	16/7/0.16	-	B.C	6.15±0.15	NC-PVC	93	44.3	102	328	100
RG-174/U	1354	7/0.16	CCS	1.52	LDPE	16/5/0.10	-	T.C	2.54±0.15	NC-PVC	50	110	259	328	100
RG-213/U	-	7/0.752	BC	7.24	LDPE	24/8/0.18	-	B.C	10.3±0.20	NC-PVC	50	100	69	328	100

Attenuation is measured at 100MHz
 BC-bare copper wire
 TC-tinned copper wire
 CCS-Copper clad steel wire

Applications:

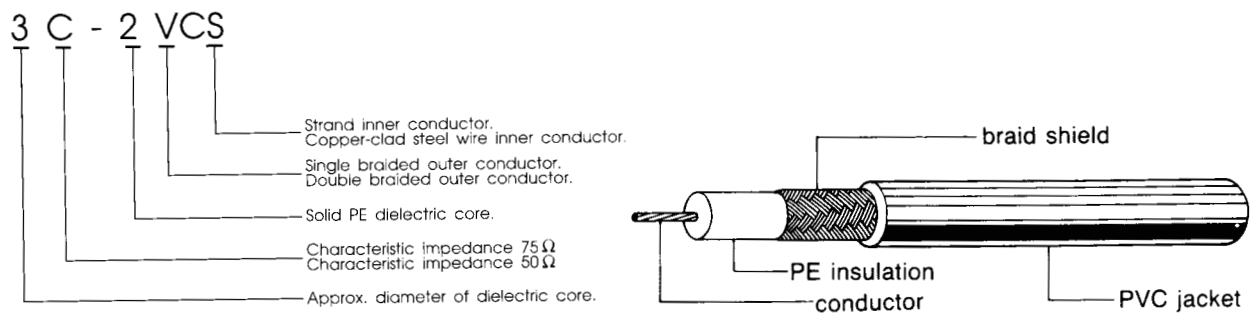
- For use with communication and signal control systems.

Construction:

Product Description:

- Copper or copper coated steel conductor.
- Transparent PE insulation.
- Bare copper braid shield, 95% coverage.
- Color-coded PVC jacket.
- Low losses and low propagation delays. Crosstalk kept to Minimum.
- Refers to JIS C 3501.

Type Designation:



Cable TYPE No.	UL Style	Inner Conductor		Insulation		Braid		Jacket Thickness mm	Overall Diameter mm	Characterisal Impedance (10MHz) Ω	Nominal Attenuation (10MHz) dB/km	Insulation Resistance M Ω km	Conductor Resistance 20 $^{\circ}$ C Max Ω km	Standard Put-Up	
		Material	No./mm	Material	mm	Material	C/N/mm							ft/coil	M/coil
1.5C-2V	1365	C.C.S	1/0.26	LD-PE	0.67	B.C	16/5/0.10	0.4	2.9 $\pm$ 0.10	75 $\pm$ 3	96	1,000	968	328	100
2.5C-2V	1150	B.C	1/0.4	LD-PE	1.00	B.C	16/6/0.127	0.5	3.9 $\pm$ 0.10	75 $\pm$ 3	52	1,000	145	328	100
3C-2V	1071	B.C	1/0.5	LD-PE	1.30	B.C	16/7/0.127	0.8	5.4 $\pm$ 0.15	75 $\pm$ 3	42	1,000	91.4	328	100
5C-2V	1071	B.C	1/0.8	LD-PE	2.05	B.C	16/8/0.16	0.9	7.4 $\pm$ 0.15	75 $\pm$ 3	27	1,000	35.9	328	100
7C-2V	1354	B.C	7/0.405	LD-PE	3.05	B.C	24/7/0.18	1.0	10.3 $\pm$ 0.20	75 $\pm$ 3	22	1,000	20.7	328	100
10C-2V	-	B.C	7/0.50	LD-PE	3.95	B.C	24/9/0.16	1.5	13.0 $\pm$ 0.20	75 $\pm$ 3	18	1,000	13.1	328	100
1.5D-2V	1107	B.C	7/0.18	LD-PE	0.53	B.C	16/5/0.10	0.4	2.9 $\pm$ 0.10	50 $\pm$ 3	85	1,000	110	328	100
2.5D-2V	1150	B.C	1/0.80	LD-PE	0.95	B.C	16/7/0.12	0.5	4.3 $\pm$ 0.10	50 $\pm$ 3	45	1,000	35.9	328	100
3D-2V	1150	B.C	7/0.32	LD-PE	1.00	B.C	16/6/0.12	0.8	5.3 $\pm$ 0.15	50 $\pm$ 3	46	1,000	33.3	328	100
5D-2V	1150	B.C	1/1.40	LD-PE	1.70	B.C	24/7/0.12	0.9	7.3 $\pm$ 0.15	50 $\pm$ 3	27	1,000	11.7	328	100
8D-2V	1354	B.C	7/0.80	LD-PE	2.70	B.C	24/8/0.16	1.2	11.1 $\pm$ 0.20	50 $\pm$ 3	20	1,000	5.13	328	100
10D-2V	-	B.C	1/2.90	LD-PE	3.40	B.C	24/10/0.2	1.2	13.1 $\pm$ 0.20	50 $\pm$ 3	14	1,000	2.67	328	100



Twinaxial Cable Composed Cable

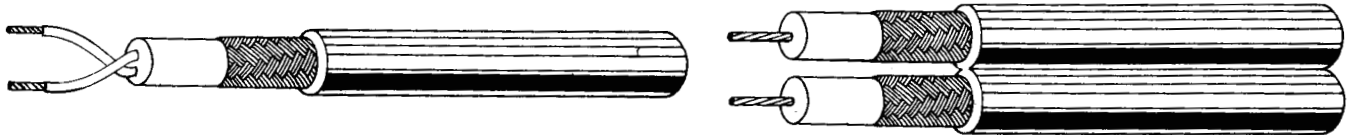
Applications:

Recommended for RF applications requiring a cross-talk free, balanced operation.

Product Description:

Twinaxial transmission line cables offer low - loss signal transmission which remain unaffected by outside signal or noise fields.

Construction:



Type	Conductor		Ins. MTRL	Braid Shield		Nomi. O.D. mm	Jacket MTRL	Nomi. Imped ohm	Nomi. CAP pF/m	Atten dB/km	Standard Put-Up	
	No./mm	MTRL		No./mm	MTRL						ft/coil	M/coil
UL 2092	7/0.254	TCu	PE	16/6/0.127	TCu	4.8±0.10	PVC	78	64.6	246	1000	305
UL 2448	1/1.290x2C	BCu	Foamed PE	24/8/0.160	BCu	11.18±0.20	PVC	124	35.8	95	500	152
IBM P/M 7362211 UL 2498	7/0.320x2C	TCu/BCu	PE	24/7/0.160	TCu	8.26±0.15	PVC	100	50.9	135	500	152
UL 2582	7/0.320x2C	TCu	PE	16/8/0.160	TCu	6.17±0.15	PVC	78	64.6	246	1000	305
UL 2668	19/0.127x2C	TCu	PE	24/8/0.180	TCu	8.89±0.20	PVC	150	28.9	141	500	152
RG-59B/U Dual UL 20063	1/0.584x2C	CCS	PE	16/7/0.16	BCu	6.15±0.15x 12.3±0.30	NCPVC	75	67.3	125	500	152

BCu: bare copper wire
TCu: tinned copper wire
CCS: copper clad steel wire.

PVC: polyvinyl chloride
NCPVC: non-contaminating polyvinyl chloride
PE: polyethylene