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TYCAB SPEAKER AUDIO TV



FIGURE 8
TYSONIC HOME THEATRE
CINEMA
RG59 & RG6 QUAD SHIELD
CAT5E
LINEAR CRYSTAL





RoHS compliant

OXYGEN FREE COPPER

FIGURE 8 (PARALLEL WEBBED)



PVC INSULATED

Applications: Speaker and Home Theatre Connections
Conductor: Oxygen Free Plain Copper Wire to AS1125
Insulation: RoHS Compliant 75°C PVC to AS3808
Colours: Red / Black, Brown / White, White / Grey, White / Black - other combinations available by request
Packs: 100, 250, 500 metres

CODE	NO. OF CORES	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	INSULATION THICKNESS (mm)	ELECTRICAL RESISTANCE @20°C (ohm/km)	NOMINAL O.D. (mm)	MASS (kg/100m)
LEC2142*	2	14/0.2	0.40	0.4	44.8	1.6 x 3.5	1.4
LEC2242**	2	24/0.2	0.75	0.6	26.0	2.4 x 5.4	2.4
LFC23202	2	32/0.2	1.00	0.6	19.5	2.6 x 5.6	4.6
LFC24802	2	48/0.2	1.50	0.7	13.3	3.1 x 6.5	4.5
LFC26502	2	65/0.2	2.04	0.7	9.1	3.35 x 7.2	5.4
LFC28402	2	84/0.2	2.64	1.0	7.1	4.25 x 9.0	7.7

NOTE:
 (i) Extra Low Voltage - Not Suitable For Connection To Mains Power Supply
 * AUSTEL APPROVED A95/CA/0154
 ** AUSTEL APPROVED A95/CA/0158

FIGURE 8 CLEAR / TRANSLUCENT



PVC INSULATED

Applications: Speaker and Home Theatre Connections
Conductor: Oxygen Free Plain Copper Wire to AS1125
Insulation: RoHS Compliant V90HT PVC to AS3808
Colours: Clear Insulation - stripe colours available by request
Packs: 50, 100 or 500 metres

CODE	MADE TO ORDER o	NO. OF CORES	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	INSULATION THICKNESS (mm)	ELECTRICAL RESISTANCE @20°C (ohm/km)	NOMINAL O.D. (mm)	MASS (kg/100m)
LFX22402	o	2	24/0.2	0.75	0.6	26.0	2.4 x 5.4	2.4
LFX23202	o	2	32/0.2	1.00	0.6	19.5	2.6 x 5.6	4.6
LFX24802	o	2	48/0.2	1.50	0.7	13.3	3.1 x 6.5	4.55
LFX26502	o	2	65/0.2	2.04	0.7	9.1	3.35 x 7.2	5.4
LFX28402	o	2	84/0.2	2.64	1.0	7.1	4.25 x 9.0	7.5
LFX210502*	o	2	105/0.2	3.30	0.8	5.6	4.2 x 8.9	7.8
LFX212702*	o	2	127/0.2	4.00	1.0	4.5	4.7 x 7.9	10.8
LFX219202*	o	2	192/0.2	6.00	1.0	3.1	5.0 x 11.7	14.5

NOTE:
 (i) Extra Low Voltage - Not Suitable For Connection To Mains Power Supply
 * Ribbed - not striped

CINEMA



CINEMA SOUND

Applications: Cinema and Home Theatre Installations
Conductor: Oxygen Free Plain Copper Wire to AS1125
Insulation: RoHS Compliant 75°C PVC to AS3808
Core Colours: Blue, Blue/ White, Red, Red/ White
Sheath: 75°C PVC to AS3808
Sheath Colour: Black

CODE	MADE TO ORDER o	NO. OF CORES	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	INSULATION THICKNESS (mm)	SHEATH THICKNESS (mm)	NOMINAL O.D. (mm)	ELECTRICAL RESISTANCE @20°C (ohm/km)	MASS (kg/100m)
LPC44	o	4	56/0.3	4.0	0.8	1.5	13.6	5.0	28.3
LPC26/24	o	2x	84/0.3	6.0	0.8	1.5	14.2	3.3	33.1
		2x	56/0.3	4.0	0.8			5.0	
LPC210/24	o	2x	322/0.2	10.0	1.0	1.5	15.8	1.83	42.8
		2x	56/0.3	4.0	0.8			5.0	

NOTE:
 (i) Extra Low Voltage - Not Suitable For Connection To Mains Power Supply

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RoHS compliant



RG59 & RG6 QUAD SHIELD 75 OHM CO-AXIAL



Applications: General Purpose Co-Ax, Interconnections of Electric Equipment & Instruments

Sheath Colour: Black

Packs: 100, 200, 305, 500 metres

CODE	RG TYPE	CONDUCTOR No/DIA (mm)	INSULATION		SCREEN		SHEATH		MASS (kg/100m)
			TYPE	mm	TYPE	%	TYPE	mm	
CCE11057	RG59	0.57 PCW	Solid PE	3.6	1 x PCW Braid	94%	PVC	6.15	6.0
CKC11035	RG6 QUAD SHIELD	1.02 CCS	Foam PE	4.57	1 x AL Foil	BONDED	PVC	7.62	10.0
					1 x AL Braid	60%			
					1 x AL Foil				
					1 x AL Braid	40%			

NOTE: (i) Extra Low Voltage - Not Suitable For Connection To Mains Power Supply

CAT5E

Applications: High Speed Data / Communication Networks

Conductor: Plain Copper Wire

Insulation: High Speed Data Insulation

Colours: Pair 1: White / Blue & Blue

Pair 2: White / Orange & Orange

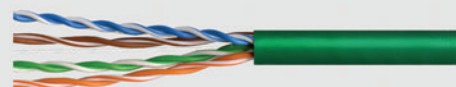
Pair 3: White / Green & Green

Pair 4: White / Brown & Brown

Sheath: PVC

Sheath Colours: Blue, Green, Grey, Red, Violet, Yellow

Pack: 305 metres



CODE	NO. OF PAIRS	CONDUCTOR No/DIA (mm)	NOMINAL AREA (mm ²)	NOM/IMPED OHMS	ELECTRICAL RESISTANCE @20°C (ohm/km)	NOMINAL O.D. (mm)	MASS (kg/100m)
DPZ81051	4	0.51	0.20	100	93.8	5.3	3.0

NOTE: (i) Extra Low Voltage - Not Suitable For Connection To Mains Power GPO
(ii) CAT6 available upon request.

TYSONIC HOME THEATRE PVC INSULATED & SHEATHED



Applications: Speaker and Home Theatre Connections

Conductor: Oxygen Free Plain Copper Wire to AS1125

Insulation: RoHS Compliant 75°C PVC to AS3808

Core Colours: 2 Core: Black, Red

4 Core: Red, White, Black, Green

Sheath: 75°C PVC to AS3808

Sheath Colour: Violet

Packs: 100, 200 or 500 metres

CODE	NO. OF CORES	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	INSULATION THICKNESS (mm)	ELECTRICAL RESISTANCE @20°C (ohm/km)	NOMINAL O.D. (mm)	MASS (kg/100m)
LMC230025	2	30/0.25	1.5	0.5	13.3	7.1	6.7
LMC430025	4	30/0.25	1.5	0.5	13.3	8.2	10.8

NOTE: (i) Extra Low Voltage - Not Suitable For Connection To Mains Power Supply



OXYGEN FREE COPPER

RoHS compliant

Linear Crystal



- > Widely respected - Linear Crystal Brand
- > Produces exceptional quality sound
- > Ideal for use in Home Theatre Systems
- > Metre marked for easy identification
- > Competitive price - Incredible value for money
- > Oxygen Free Copper Purity
- > Superior Flexibility
- > Outer Sheath: Specially formulated extra flexible compound exhibiting extreme flexibility and meeting the requirements of AS3808 V90HT rated

HEAR THE ADVANTAGES OF THE LOW CAPACITANCE - LOW RESISTANCE LINEAR CRYSTAL SPEAKER CABLE

High Fidelity Linear Crystal Cable

Applications: Hi-Fi Speaker Connection and Home Theatre Installations
Conductor: Oxygen Free Plain Copper Wire to AS1125
Insulation: RoHS Compliant Polyethylene to AS3808 for enhanced signal integrity
Core Colours: **2 Core: Red, Black;**
4 Core: Red, Black, Red/ White, Black/ White
Inner Sheath: V90HT Extra Flexible Sheath to AS3808
Inner Colour: **Natural**
Sheath: V90HT Extra Flexible Sheath to AS3808
Sheath Colour: **Tan**
Packs: 50, 100 metres

CODE	NO. OF CORES	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	INSULATION THICKNESS (mm)	SHEATH THICKNESS (mm)	ELECTRICAL RESISTANCE @20°C (ohm/km)	NOMINAL O.D. (mm)	MASS (kg/100m)
LLU2140015	2	140/0.15	2.47	0.6	1.0	7.5	9.0	12.9
LLU4140015	4	140/0.15	2.47	0.6	1.2	7.5	11.0	15.8

TECHNICAL DETAILS		
Linear Crystal		
Loop Conductor Resistance	MilliOhm/metre	15
Capacitance	pF/metre	90
Series Inductance	Micro Henry/metre	7.0
Losses into 4 Ohm Resistance Load	dB/metre	dB/metre
	10Hz	0.023
	100Hz	0.024
	1kHz	0.044
	10kHz	0.350
	100kHz	2.600
Conductor Resistance	(Maximum at 20°C)	7.5 Ohms per KM
NB: Losses will vary from those shown due to variation of the speaker impedance with frequency. Generally the impedance will rise with increasing frequency thus reducing the losses by a factor depending upon the characteristics of the individual speaker.		

Manufactured by



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