

SPECIAL AUDIO, COMMUNICATION, AND INSTRUMENTATION

80°C 30 VOLT - UL 2835 300 VOLT UL 2095



Construction

Conductor:

- Fully annealed stranded tinned copper per ASTM B-33.

Insulation:

- Premium grade color coded PVC (5322).
- Color coded polypropylene (5314).
- Twisted pairs.
- Color Code: See Chart #20.

Shield:

- 100% Aluminum/polyester, over 2 conductors, 25% overlap, foil facing out.
- Stranded tinned copper drain wire.

Jacket:

- PVC, chrome gray.
- Temperature Range: -20°C to +80°C.
- Voltage Rating: 300 volts.

Applications:

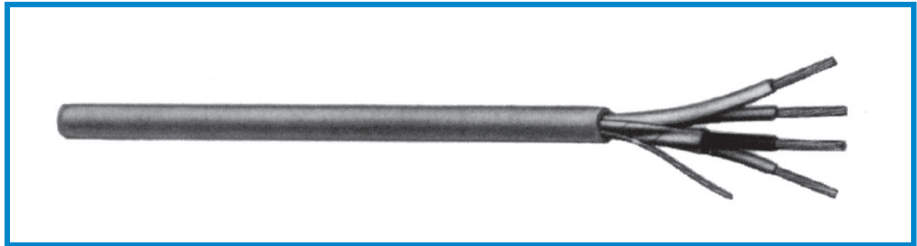
- Special audio, communication and instrumentation uses requiring shielded groups to isolate circuits.

Industry Approvals:

- 5322 - UL 2095 (300 volts) - 80°C.
- 5314 - UL 2835 (30 volts) - 60°C.
- UL 70,000 BTU Vertical Flame Test.

Packaging:

- 1000 ft spools.



CUSTOM CATALOG NUMBER	SIZE	NO. OF PAIRS	STRAND	NOMINAL THICKNESS (INCHES)		NOMINAL O.D. INCHES	NOMINAL CAP (pF/ft)		NOMINAL WEIGHT LBS/MFT
	AWG/MCM			INSULATION	JACKET		A	B	
5322	20-2	2	7/28	0.016	0.032	0.230	41	74	34
	Shielded 20-2 Unshielded								
5314	22-2	2	7/30	0.008	0.020	0.167	29	52	24
	Shielded 22-2 Unshielded								

A - Capacitance between conductors.

B - Capacitance between 1 conductor and other conductors connected to shield.



Underwriters Laboratories Inc.



Passes UL Vertical Tray Flame Test

Underwriters Laboratories Inc.

LISTED TYPE CL2

DIRECT BURIAL AUDIO, AND COMMUNICATION

80°C 350 VOLT

Construction

Conductor:

- Fully annealed stranded tinned copper per ASTM B-33.
- Twisted pairs.

Insulation:

- Color coded polypropylene.
- Color Code: See Chart #9.

Shield:

- 100% Aluminum/polyester, 25% overlap, foil facing in.
- 22 AWG stranded tinned copper drain wire each pair.

Jacket:

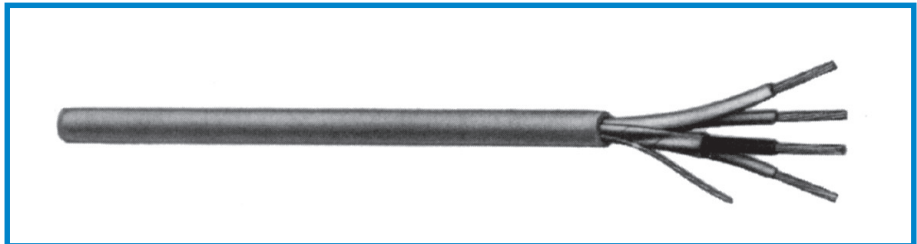
- High density polyethylene, black.
- Temperature Range: -20°C to +80°C.
- Voltage Rating: 350 volts.

Applications:

- Suitable for direct burial.
- Outdoor uses.
- Applications where total isolation of signal is required.

Packaging:

- 1000 ft spools.



CUSTOM CATALOG NUMBER	SIZE	NO. OF PAIRS	STRAND	NOMINAL THICKNESS (INCHES)		NOMINAL O.D. INCHES	NOMINAL CAP (pF/ft)		NOMINAL WEIGHT LBS/MFT
	AWG/MCM			INSULATION	JACKET		A	B	
6783	20	3	10/30	0.013	0.045	0.340	30	55	58
6786	20	6	10/30	0.013	0.045	0.442	30	55	110

A - Conductor to conductor.

B - Capacitance between 1 conductor and other conductors connected to shield.

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