

TEMPERATURE CONTROL CABLE

PLENUM AND NON-PLENUM RATED



CL3, CL3P - 150 V

CM, CMP - 300 V

**Operating Temperature
+75°C**

**Premium Grade
Insulation**

**Aluminum Foil or Foil
Plus TC Braid**

**PVC, LS-PVC or
FEP Jacket**

APPLICATIONS Suitable for use as follows:

- Building automation systems
- Commercial Controls
- Network and Automation Control Systems

STANDARDS & REFERENCES

- NEC® Article 725 Type CL3 or CL3P (UL: 75°C, 150 V)
- NEC® Article 800 Type CM or CMP (UL: 75°C, 300 V)

CONSTRUCTION

- **Conductor:**
Stranded or solid copper
- **Insulation:**
Premium grade color suitable for application
Non-Plenum - PVC, PP, PE or FPE
Plenum - LS-PVC, FEP or FOM FEP
- **Shield:**
Overall aluminum foil or foil plus tinned copper braid
- **Jacket:**
PVC, LS-PVC or FEP Sequential footage marking to facilitate installation. Suitable for use from 0°C to +75°C. Ripcord available.





HVAC

WEIGHTS AND MEASUREMENTS

NON-PLENUM CABLES

APPLICATION	CONSTRUCTION	SHIELD	JACKET COLOR	NOM. CAP.	NOM. IMP	O.D. (inch)	WEIGHT (lbs)
CANopen 1 pr 24	1 pr 24 TC 120 Ohm CM	Foil + Br	Gray	12.5	120	0.236	34.4
CANopen 2 pr 24	2 pr 24 TC 120 Ohm CM	Foil + Br	Gray	12.5	120	0.353	58.0
CANopen 1 pr 22	1 pr 22 TC 120 Ohm PLTC	Foil + Br	Black	10.6	120	0.286	50.0
CANopen 2 pr 22	2 pr 22 TC 120 Ohm PLTC	Foil + Br	Black	10.6	120	0.403	80.0
LonWorks Office Gr.	Cat 5e 4 pr 24 BC CMR	N/S	Blue*	15.0	100	0.200	22.0
LonWorks 1 pr L4 NS	1 pr 22 BC CM	N/S	Gray*	15.0	100	0.146	11.0
LonWorks 2 pr L4 NS	2 pr 22 BC CM	N/S	Gray	12.5	120	0.226	20.0
LonWorks 1 pr L4 shld	1 pr 22 BC CM	Foil	Gray*	12.9	100	0.226	22.0
LonWorks 2 pr L4 shld	2 pr 22 BC CM	Foil	Gray	12.9	100	0.261	25.0
LonWorks Std. N/S	2 C 16 TC AWM 2598 CMR	N/S	Gray	33.0	70	0.266	39.0
LonWorks Std. Shld	2 C 16 TC AWM 20253 CM	Foil	Gray	19.5	80	0.298	48.0
BACNet Microset II	1 triad 22 TC AWM 2093 CM	Foil	Gray	19.5	80	0.198	24.0
TRANE systems	2C 18 TC AWM 2092 CM	Foil	Gray	25.0	65	0.218	28.0
Aerial / Burial Non-UL	2C 18 TC (Non-UL)	Foil	Black	25.0	65	0.234	27.0

*Other jacket colors also available. Jacket color may vary for specific system type per application.

PLENUM CABLES

APPLICATION	CONSTRUCTION	SHIELD	JACKET COLOR	NOM. CAP.	NOM. IMP	O.D. (inch)	WEIGHT (lbs)
CANopen 1 pr 24	1 pr 24 120 Ohm CMP	Foil + Br	White	11.0	120	0.174	24.0
CANopen 2 pr 24	2 pr 24 120 Ohm CMP	Foil + Br	White	11.0	120	0.208	34.0
LonWorks Office Gr.	Cat 5e 4 pr 24 CMP	N/S	White*	15.0	100	0.190	24.0
LonWorks 1 pr L4 NS	1 pr 22 CMP	N/S	White*	15.0	100	0.122	10.0
LonWorks 2 pr L4 NS	2 pr 22 CMP	N/S	White*	15.0	100	0.179	17.0
LonWorks 1 pr L4 shld	1 pr 22 CMP	Foil	White*	12.2	100	0.162	15.0
LonWorks 2 pr L4 shld	2 pr 22 CMP	Foil	White*	12.2	100	0.263	24.0
LonWorks Std. N/S	2C 16 FEP/FEP CMP	N/S	Clear	25.0	60	0.170	27.0
BACNet applications	1 pr 22 TC CMP	Foil	White*	40.0	47	0.118	11.0
ARC 156	1 pr 22 TC CMP	Foil	Green	15.0	100	0.146	14.0
TRANE systems	2C 18 TC CMP	Foil	Purple	25.0	60	0.178	24.0
U-LINE PLENUM	1 pr shld 22 TC shld + 2C 14 BC N/S CL3P	Foil (1pr) N/S	White	14.1	87	0.393	55.0
				32.9	56		
TCS Basy's Plenum	1 triad 20 BC shld + 2C 18 BC N/S CMP	Foil (1tr) N/S	White	44.0	42	0.318	36.5
				47.0	40		

*Other jacket colors also available. Jacket color may vary for specific system type per application.

TEMPERATURE CONTROL CABLE PLENUM AND NON-PLENUM RATED