



TECHNICAL BULLETIN

STANDARD-FLEX (HY-TREX®) 16 AWG TC-ER Control Cables

Design Ratings:

Voltage	600 Volt
Temperature	90°C Maximum Conductor Temperature
Regulatory	UL: TC-ER, 600 Volt cUL: CIC-TC
Flame Rating	FT4
Oil Resistant	Oil Res I/II
Sunlight Resistant	Yes
Conductors	Soft drawn bare copper, finely stranded conductors
Insulation	TPE Compound
Separator	Nylon tape
Jacket	TPE Compound

Conductor Color-Coding:

Cable with Blue Conductors

CONDUCTOR	BASE COLOR	TRACER	NUMERIC IDENTIFICATION
1	Green	Yellow	-
2	Blue		1
3	White	Blue	-
4	Blue		3
5	Blue		4
n	Blue		n-1

Cable with Red Conductors

CONDUCTOR	BASE COLOR	TRACER	NUMERIC IDENTIFICATION
1	Green	Yellow	-
2	Red		1
3	White	Red	-
4	Red		3
5	Red		4
n	Red		n-1



ORDERING INFORMATION

PART NUMBER	CONDUCTOR COLOR CODE	COND SIZE AWG/# COND	AMPACITY (1)	NOMINAL O.D. (IN.)	CABLE WT. (LBS.)/1000 FT
36612B	Blue	16/12	9	0.52	103
36612R	Red	16/12	9	0.52	103
36625B	Blue	16/25	8	0.735	387
36625R	Red	16/25	8	0.735	387
36633B	Blue	16/33	7	0.755	469

(1) – Based on an ambient temperature of 30°C and conductor temperature of 90°C NEC Tables 310.16 & 310.15(C)(1)

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