

1) CONSTRUCTION:

CONDUCTOR:	20 AWG 10/30 STRANDED TINNED COPPER	NOM. DIA.	.037"
INSULATION:	POLYVINYLCHLORIDE, .016" NOM. WALL THICKNESS		.069" ± .001"
CABLE:	(2) COLOR CODED SINGLES TWISTED TOGETHER TO FORM A CABLE CORE.		.138"
SHIELD:	AN ALUMINIZED POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) SHALL BE APPLIED OVER THE CABLE CORE AND SHALL CONTAIN A 22 AWG 7/30 STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE FOR EASY TERMINATION.		.141"
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .037" NOM. WALL THICKNESS	OVERALL CABLE DIAMETER	.215" ± .010"
		(BY CALIPER, ACROSS WIDEST CROSS SECTION)	

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	80°C, 90°C & 105°C
TEMPERATURE RATING, MIN.	-20°C
WT./M', NOM., NET.	24.7 LBS.
BEND RADIUS, MIN. (STATIC)	2.2"
JACKET IS SUNLIGHT RESISTANT	

3) ELECTRICAL CHARACTERISTICS:

CAPACITANCE, MUTUAL, NOM.	29 PF/FT.
CAPACITANCE, GROUNDED, NOM.	54 PF/FT.
DIELECTRIC WITHSTANDING, MIN.	2000V RMS
VOLTAGE RATING, MAX.	300V
D.C. RESISTANCE, MAX.	11.8 Ω/1,000'

4) AGENCY APPROVALS:

NEC (UL) TYPE PLTC
 NEC (UL) TYPE ITC
 UL AWM STYLE 2464
 CSA AWM FT4

5) APPLICATION:

PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE, CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS.

6) PRINT:

QUABBIN 0165 (UL) TYPE PLTC OR ITC 20 AWG 105C SUN RES OR AWM 2464 – CSA LL51726 AWM I/II A/B 90C 300V FT4 – RoHS -- **(LOT DESIGNATOR)**

7) COLOR CODE:

1. BLACK
2. RED

8) PACKAGING:

TO BE PACKAGED AS PER QWC'S STANDARD PACKAGING

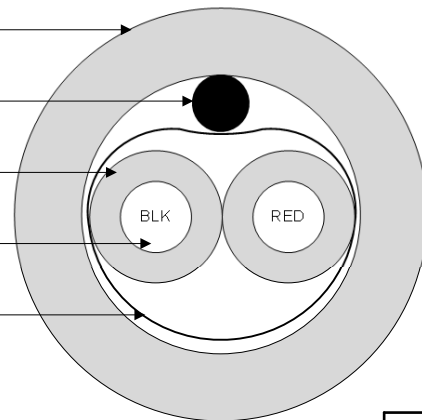
JACKET

DRAIN

INSULATION

CONDUCTOR

FOIL SHIELD



CUSTOMER APPROVAL:

DATE:

Created 10/17/94	DRAWN: SGH 10/09/24
REV. 10	CHECKED: ZRS 10/10/24



TITLE
 2/C 20 AWG -- TYPE PLTC, TYPE ITC, STYLE 2464, AWM FT4 CABLE -- SHIELDED

QUABBIN P/N 0165

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