

INITIAL USE: ~~4660~~ 4764

LOCATION:

ORIGINAL APPROVALS

HANDWRITTEN:	TYPED:	DATE:
DRAWN BY: <i>David Mock</i>	D. MOCK	02/14/2003
OTHER: <i>David Mock</i>	D. MOCK	11/25/2003
OTHER: <i>Jerry Olguin</i>	L. OLGUIN	11/25/2003
APPROVED: <i>K. OLIAT</i>	K. OLIAT	11/25/2003

CHANGES

REVISION	C.O. NO.	DATE	CHANGED BY	CHECKED BY
+A	PD	09/17/2003		
AA	M04292	11/25/2003		

TITLE: RBLT PT.:

P/N:

REVISION	C.O. NO.	DATE	CHANGED BY	CHECKED BY

SEE SITE-SANCTIONED DOCUMENT CONTROL SYSTEM FOR GENERAL PURPOSE STANDARD OPERATING PROCEDURES.

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES

.X ±.050
.XX ±.020
.XXX ±.005

TOLERANCES

ANGULAR ±0° 30'

MACH. SURF. 125√

MACH. SURF.

OTHER SURF.

FLAT WITHIN .001 IN./IN.

FLAT WITHIN .005 IN./IN.

DO NOT SCALE DRAWING

THREADS: CLASS 2A OR 2B
REMOVE BURRS & SHARP EDGES .020 MAX.

CONCENTRICITY MACH. SURFACE

T.I.R. WITHIN 1/2 SUM OF DIAS. TOLS., .001 MIN.

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Cable Assembly to include the following specifications:

Outer Diameter: 0.187 inches nominal

Number of conductors: Seven (7)

Shielding requirements: Double shielded - foil and spiral wrap

Construction of the cable consists of the following:

CORE: 1 strand of Uncoated Nylon Cord

1st LAY: 7 conductors, 28 AWG, UL 1731 rating for 105°C and 300v
Colors: Black, Brown, Red, Orange, Green, Blue, Violet

1st TAPE: Aluminum Mylar (Aluminum Out), 0.0015" thickness, 0.5" width, 50% Lap.
Bundle diameter under tape is approximately 0.103 inches
Bundle diameter over tape is approximately 0.109 inches

SHIELD: Spiral Tinned Copper Braid 36 AWG, 16 carrier (load 8 on bottom), 8 ends,
13.2 picks/inch, 90% coverage, 35 degree.
Copper weight: 6.0 lb / 1000 ft
Spiral inside diameter is approximately 0.109 inches
Spiral outside diameter is approximately 0.119 inches

2nd TAPE: Paper (Manning 210) 0.001" x 0.5" width, 35% Overlap.
Bundle diameter over tape is approximately 0.123 inches

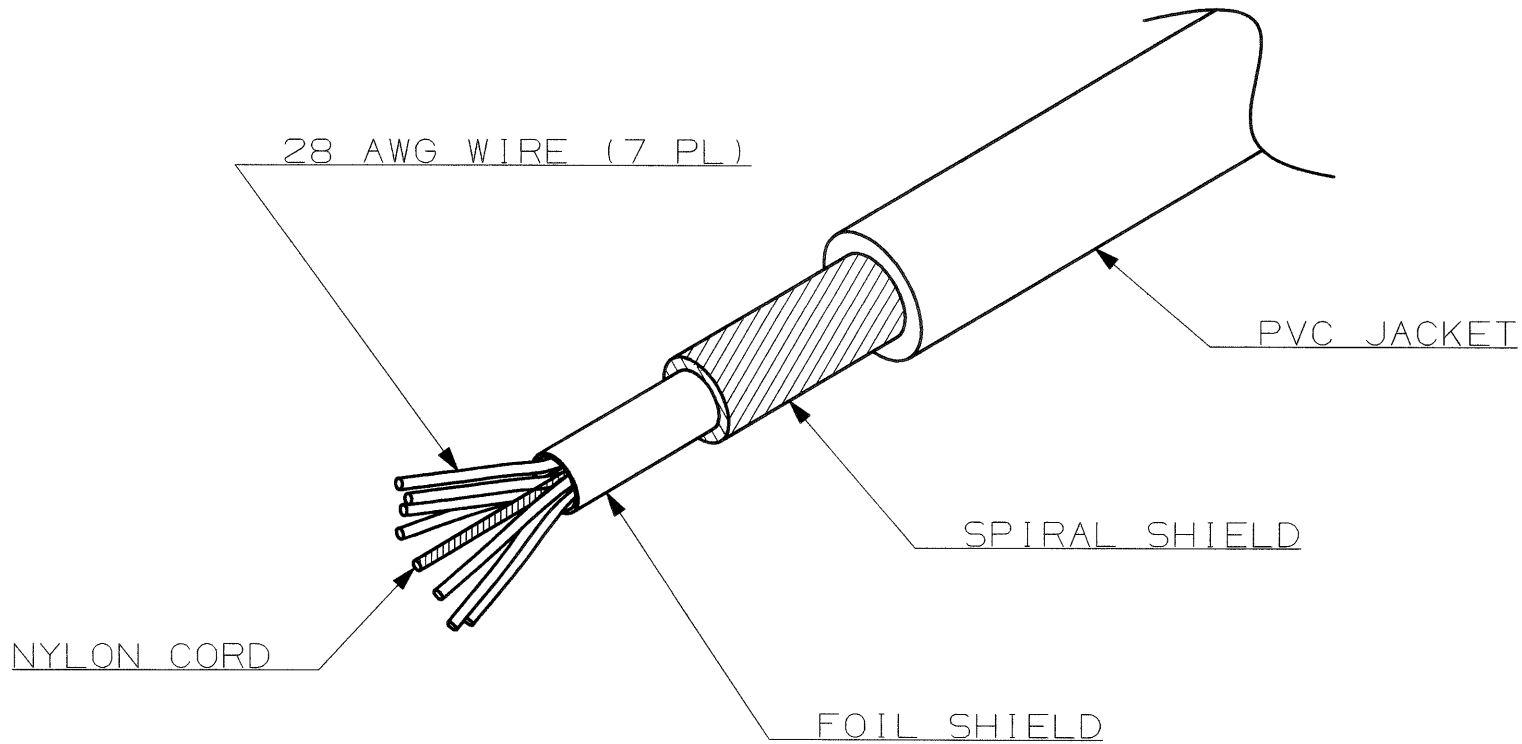
JACKET: Grey PVC UL 2464 style, wall thickness 0.032 inches nominal

Preferred Vendor:

National Wire & Cable Corporation
136 San Fernando Road
Los Angeles, CA 90031-0307 USA
PN S10-7271

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NOTES: UNLESS OTHERWISE SPECIFIED

A
SIZE
A08316

A SIZE	CODE IDENT NO.	DWG. NO. A08316	UG-CAD	REV AA
SCALE	INIT USE 4764	SHEET 3 OF 3		