

REVISIONS				
REV	DESCRIPTION	DATE	DRN	CHK
00	MANUFACTURING RELEASE	7/20/2007	RG	WD
01	UPDATED HEAT SPECS TO 125C	7/24/2007	RG	WD

### 1.0 SPECIFICATION

- 1.1 CONDUCTOR: 24AWG(7/32), TINNED COPPER  
MATERIAL: TPE  
NO: 1P + 2C
- 1.2 DRAIN: 24AWG(7/32AWG), TINNED COPPER
- 1.3 CABLING: ALUMINUM/POLYESTER, 100% COVERAGE,  
MIN 25% OVERLAPPING, ALUMINUM FACING INSIDE
- 1.4 JACKET: MATERIAL: TPE  
COLOR: BLACK  
O.D: NOMINAL 0.202"

### 2.0 ELECTRICAL CHARACTERISTICS

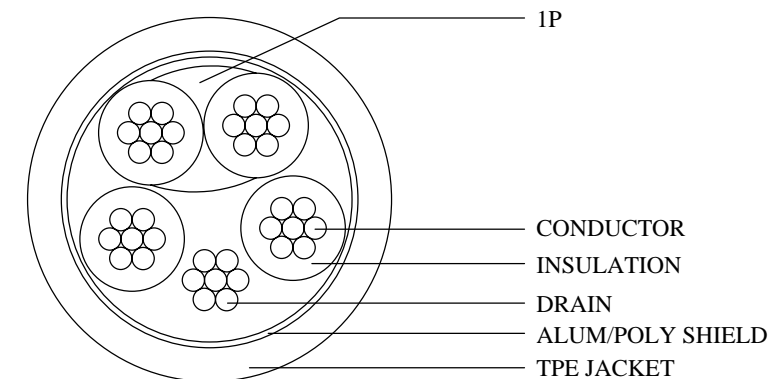
- 2.1 TEMPERATURE RATING: 125C
- 2.2 VOLTAGE RATING: 300V
- 2.3 CONDUCTOR CAPACITY: 5.6AMPS
- 2.4 NOMINAL CONDUCTOR RESISTANCE: OHMS PER FOOT:  
25.3OHMS/1000FT@20C

### 3.0 COLOR CODE:

- 1P ORANGE AND BROWN
- 2C RED AND BLACK

### 4.0 1P TWISTED PAIR: 1" LAY: 12 TWISTS PER FOOT

### CONSTRUCTION DRAWING



LIST OF MATERIALS		
FIND ITEM	DESCRIPTION	MANHATTAN PN
1	Cable,2 Cond + 1 Twisted pair,Drain,Black,125C	S0707962

DIMENSIONS	DWN	DATE	TITLE	
INCHES	RG	7/20/2007	Cable,2 Cond + 1 twisted pair,Drain, Black,125C	
TOLERANCES UNLESS OTHERWISE SPECIFIED	CHK	DATE		
LINEAR - .X ±0.25 - .XX ±0.125 - .XXX ±0.062	WD	7/20/2007		
ANGULAR - ±/2°	MFG	DATE		
	WD	7/20/2007	DESCRIPTION	
			DATA SHEET FOR IEWC MANHATTAN WIRE	
SIZE		CAGE CODE	DWG NO	REV
B			5002003	01
DO NOT SCALE DRAWING			SHEET	1 of 1

