

GENERAL WIRE PRODUCTS, INC.

425 SHREWSBURY STREET

WORCESTER, MA 01605

508-752-8260

508-753-2173 FAX

TO: IEWC
ATTN: DONNA SCHWAN

10-8-10

SPECIFICATION FOR P/N 030-23389

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DESCRIPTION: THE CABLE OUTLINED HERE IS A CUSTOMIZED 50 OHM
HARSH ENVIRONMENT COAX. THE CABLE IS EQUAL TO A HUBER SUHNER
S_02212_D

CONDUCTOR: #21 19/33 TC .036
DIELECTRIC: .0295 WALL FOAM POLYETHYLENE .095
BRAID SHIELD: #36 BARE COPPER 98% .115
BRAID SHIELD: #36 BARE COPPER 98% .135
JACKET: .021 WALL POLYURETHANE BF GOODRICH 58300 .177
COLOR: BLACK FINAL OD CRITICAL!!

ELECTRICAL DATA

CAPACITANCE 25.4 PF/FT
IMPEDANCE 50 OHMS
VELOCITY 81%
TEMPERATURE RATING 115 DEGREES C
MINIMUM BEND RADIUS 0.93"

NOMINAL ATTENUATION

1MHZ 0.45DB/100FT
50 MHZ 3.3DB/100 FT
100 MHZ 4.9DB/100 FT
200 MHZ 7.3 DB/100 FT
400 MHZ 11.5 DB/100 FT
1000 MHZ 21.5 DB/100 FT