

4

3

2

1

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RELEASED FOR PUBLICATION

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

L3

PER ECR-13-018516

02DEC2013

HZ

RZ

PART NUMBER

LENGTH (METERS)

501232-1

25+0.25/-0.0

501232-2

50+0.5/-0.0

OBSOLETE

501232-3

100+1.0/-0.0

501232-4

1000+10/-0.0

501232-5

NON SALEABLE PART

501232-6

500+5.0/-0.0

OBSOLETE

501232-7

NON SALEABLE PART

OBSOLETE

5

1

STEP INDEX PLASTIC OPTICAL FIBER

1.1 CORE REFRACTIVE INDEX: 1.49 TYP.

1.2 CLAD REFRACTIVE INDEX: 1.42 TYP

1.3 NUMERICAL APERTURE: 0.46 TYP.

1.4 CORE DIAMETER: 980±60um

1.5 CLAD DIAMETER: 1000±60um

2

JACKET:

2.1 MATERIAL: POLYETHYLENE.

2.2 COLOR: BLACK.

3

ATTENUATION AT 650nm AND 25°C:

3.1 TYPICAL: 140dB/km.

3.2 MAX: 150 dB/km.

4

RATINGS:

4.1 OPERATING TEMPERATURE: -40°C TO +85°C.

4.2 STORAGE TEMPERATURE: -40°C TO +85°C.

4.3 MINIMUM BEND RADIUS: 25mm.

4.4 TENSILE STRENGTH: 8kg.

4.5 CABLE WEIGHT: 3.75 kg/km TYP.

5

OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

2.2±0.07

OPTICAL FIBER

OUTER JACKET

1

2

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH

-

DWN

A. BROUGHTON

09SEP05

CHK

A. BROUGHTON

09SEP05

APVD

T. DARR

09SEP05

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

NAME

CABLE, FIBER OPTIC, 1000um PLASTIC

SIZE

A2

CAGE CODE

00779

DRAWING NO

501232

RESTRICTED TO

-

SCALE

NTS

SHEET

1 of 1

REV

L3

1471-9 (3/11)