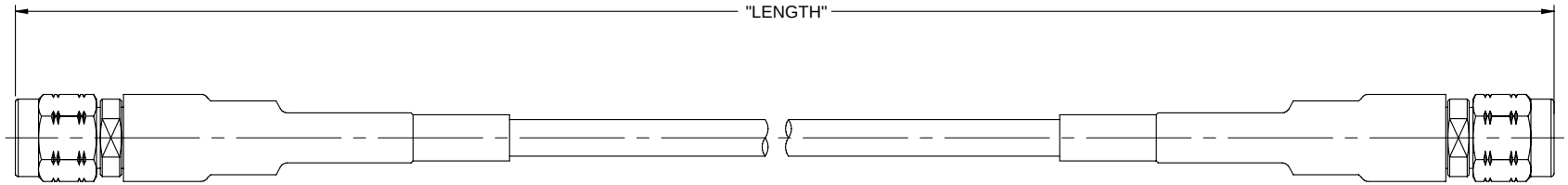
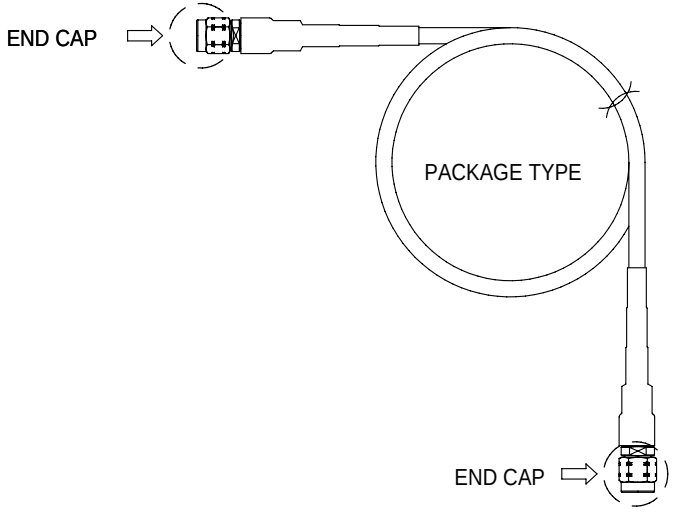
MODEL NUMBER	LENGTH (mm)	TOLERANCE	INSERTION LOSS (MAX dB)		VSWR(MAX)
			20GHz	40GHz	40 GHz
415-0210-MM100	100	± 4	<-0.66dB	<-1.20dB	1.25
415-0210-MM250	250	± 5	<-0.98 dB	<-1.69 dB	1.25
415-0210-MM500	500	± 10	<-1.53 dB	<-2.50 dB	1.25
415-0210-MM750	750	± 15	<-2.07 dB	<-3.31 dB	1.25
415-0210-M1.0	1000	± 30	<-2.62 dB	<-4.12 dB	1.25

REV	ECO	DATE
001	ECO-19-0027	7/12/2019





NOTES: UNLESS OTHERWISE SPECIFIED.

1. MATERIAL AND FINISH:
   - 1.1 2.92mm(SMK) STRAIGHT PLUG
     - 1.1.1 BODY,COUPLING NUT: PASSIVATE SUS303
     - 1.1.2 CONTACT: GOLD PLATED BERYLLIUM COPPER
     - 1.1.3 INSULATOR: HIGHTER PERFORMACNE APPLICATION MATERIAL
     - 1.1.4 CLAMP: GOLD PLATED BRASS
     - 1.1.5 RING: SUS304
   - 1.2 CABLE HP160S:
     - 1.2.1 CENTER CONDUCTOR: SILVER PLATED COPPER
     - 1.2.2 DIELECTRIC: LOW DENSITY MICROPOROUS PTFE
     - 1.2.3 FIRST SHIELD: SILVER PLATED COPPER FLAT BRAID
     - 1.2.4 SECOND SHIELD: METALIZED FOIL
     - 1.2.5 THIRD SHIELD: SILVER PLATED COPPER ROUND BRAID
     - 1.2.1 JACKET: EXTRUDED FEP- BLUE TINT
   - 1.3 HEAT SHRINK TUBING: BLACK

2. SPECIFICATIONS:
   - 2.1 IMPENDANCE: 50 OHMS
   - 2.2 FREQUENCY RANGE: DC-40 GHz
   - 2.3 INSULATION RESISTANCE: 5000 MEGOHM MIN
   - 2.4 ASSEMBLIES TO BE PACKAGED 1 PER BAG.

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INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2009.

Model No.: 415-0210-MXXXX

RoHS ☑ 2002/95/EC

Cage Code: 34078

3RD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED UNITS:MM

.XX ±.25
.XXX ±.12
ANGLES ±1°00'

Drawn by: Betty Yu

Date: 7/12/2019

Johnson

Title: CABLE ASSEMBLY,METRIC STR 2.92mm(SMK) PLUG TO STR 2.92mm(SMK) PLUG,HP160S

Drawing No.: 415-0210-MXXXX

Rev.: 001

Size: B

DO NOT SCALE DRAWING

Workmanship Std: N/A

Sheet 1 of 1

Please read our datasheet & drawing disclaimer here.