

Part No:

# HA141TB-S1-S1-L



## HA141TB Conformable Cable Series with SMA Male Connectors - 18 GHz

### Features

- RoHs Compliant 
- Tin Plated Conformable Coax

The HASCO **HA141TB** is a Conformable .141 diameter cable that operates from DC to 18 GHz. This cable series is constructed with SMA Male connectors.

Part Number	Length (inch)	Insertion Loss (dB)
HA141TB-S1-S1-03	3"	0.3 dB
HA141TB-S1-S1-04	4"	0.4 dB
HA141TB-S1-S1-05	5"	0.4 dB
HA141TB-S1-S1-06	6"	0.5 dB
HA141TB-S1-S1-07	7"	0.5 dB
HA141TB-S1-S1-08	8"	0.6 dB
HA141TB-S1-S1-09	9"	0.7 dB
HA141TB-S1-S1-10	10"	0.7 dB
HA141TB-S1-S1-11	11"	0.8 dB
HA141TB-S1-S1-12	12"	0.9 dB
HA141TB-S1-S1-13	13"	0.9 dB
HA141TB-S1-S1-14	14"	1.0 dB
HA141TB-S1-S1-15	15"	1.0 dB
HA141TB-S1-S1-16	16"	1.1 dB
HA141TB-S1-S1-17	17"	1.1 dB
HA141TB-S1-S1-18	18"	1.2 dB
HA141TB-S1-S1-20	20"	1.3 dB
HA141TB-S1-S1-22	22"	1.4 dB
HA141TB-S1-S1-24	24"	1.6 dB
HA141TB-S1-S1-30	30"	1.9 dB
HA141TB-S1-S1-36	36"	2.3 dB

### Electrical

- Impedance 50 Ω
- Frequency Range DC - 18 GHz
- VSWR 1.30:1 @ 18 GHz Max
- Insertion Loss  $2.24 * L(M) + 0.35 \text{ dB @ } 18 \text{ GHz Max}$
- Insulation Resistance 5000 M Ω
- Diel. Withstanding Voltage 1000 V

### Mechanical

- Min Bend Radius 8mm (static)
- Min Bend Radius 16mm (repeated)

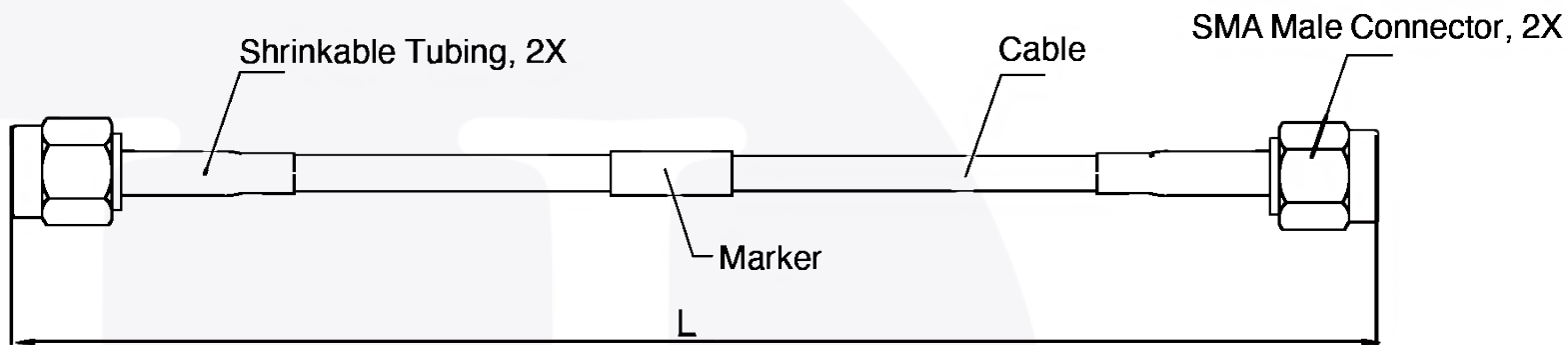
### Environmental


- Temperature Range -55°C to 85°C

### Material

- Connector Body Gold plated Brass
- Coupling Nut Passivated Stainless Steel
- Dielectric PTFE
- Center Contact Gold Plated Brass

# HA141TB Conformable Cable Series with SMA Male Connectors | DC - 18 GHz | Outline Drawing



LTR	DESCRIPTION	DATE	APPR.	DRAWN BY: <i>NS</i>	REVIEWED BY: <i>JS</i>	 <p>5214 Bonsai Avenue • Moorpark, CA 93021 (888) 498-3242 • sales@hasco-inc.com <a href="http://www.hasco-inc.com">www.hasco-inc.com</a></p>			
-	RELEASE	11/16	TC		APPROVED BY: <i>TC</i>				
A	DATASHEET UPDATE	10/25	TC	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HASCO COMPONENTS AND SHALL NOT BE REPRODUCED, COPIED NOR USED - IN WHOLE OR IN PART - AS THE BASIS FOR THE MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS, WRITTEN PERMISSION OF HASCO COMPONENTS.		MATERIALS:	CAGE CODE:	SCALE:	SIZE:
B	ADD IL TABLE	4/26	TC			SEE DATA SHEET	OT8L4	N/A	A
						FINISHES:	PART NO./DRAWING NO.		REV:
						SEE DATA SHEET	<b>HA141TB-S1-S1-L</b>		B
THIS DRAWING IS A CONTROLLED DOCUMENT									