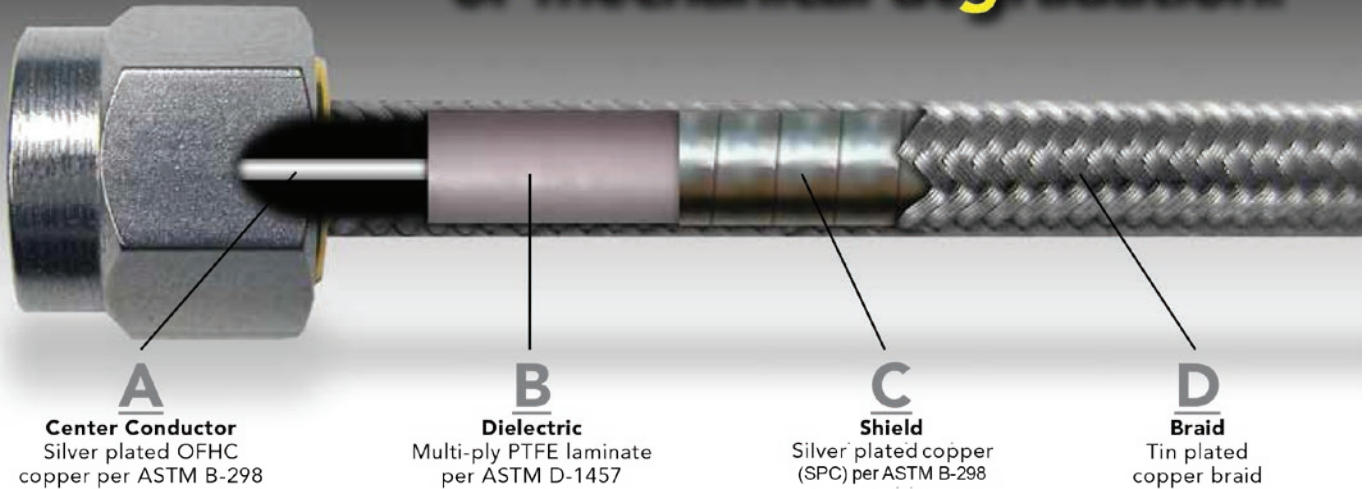




HASCO, INC
COMPONENTS DISTRIBUTOR

(888) 498-3242 • sales@hasco-inc.com

Re-Flex™ Cables have been tested to more than **24,000 bends** with **no electrical or mechanical degradation.**



FEATURES



- RoHs Compliant
- IW TPRF141 and TPRF085 Cable
- Choose from Direct Solder (SPSD) or Shell Style (TPRF141 only) (SPSH) SMA Straight Plug Connectors
- Available with FEP Jacket

ELECTRICAL SPECIFICATIONS

VSWR:	1.35:1 (DC -18 GHz)
Max Loss (TPRF141):	Length (foot) x (.009 sqrt(f) + .0006 x f) + .012 x f
Max Loss (TPRF085):	Length (foot) x (.015 sqrt(f) + .0007 x f) + .012 x f
Cut Off Frequency:	TPRF141: 34 GHz • TPRF085: 60GHz (Cable ONLY)
Tolerance:	L < 36" = ±.100 26" ≤ L < 96" = ±.250 L ≥ 96" = ±.500
RF Leakage:	Equivalent to Semi-Rigid cable
Time Delay:	TPRF141: 1.40 ns/ft • TPRF085: 1.40 ns/ft
Impedance:	50 Ω

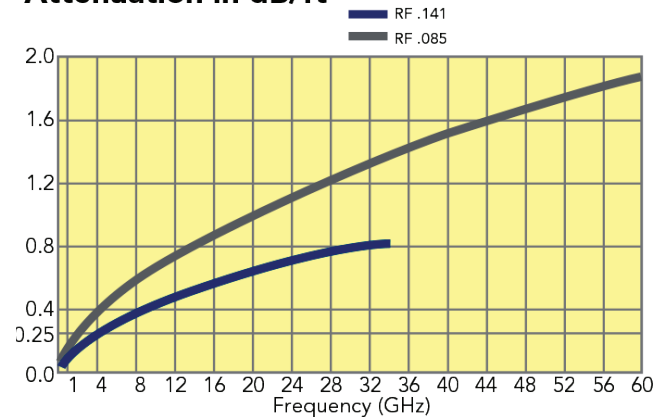
MECHANICAL SPECIFICATIONS

Min. bend radius:	TPRF141: .125 (Inch) • TPRF085: .0625 (Inch)
Temperature Range (°C):	TPRF141: -55 to +135 • TPRF085: -65 to +165

MATERIALS AND FINISHES

Center Conductor:	Silver Plated OFHC Copper
Dielectric:	Multi-Ply PTFE Laminate
Shield:	Silver Plated Copper
Braid:	Tin Plated Copper
Solder:	SN96

Attenuation in dB/ft



PART NO. (*XXX=Length in tenths of an inch)

- **Direct Solder SMA Plug:**

SPSD-TPRF141-XXX*-SPSD
(with Polyolefin Strain Relief)

SPSD-TPRF085-XXX*-SPSD
(with Polyolefin Strain Relief)

- **Shell Style SMA Plug:**

SPSH-TPRF141-XXX*-SPSH

