



HASCO, INC
COMPONENTS DISTRIBUTOR

(888) 498-3242 • www.hasco-inc.com

HASCO Bench Test Cable HBTC® Series Phase Stable and Ultra Low Loss Cable Assemblies

FEATURES

- RoHS Compliant 
- Low Loss, Low VSWR, High Reliability
- Phase Stable over Temp: 900pp ax @ -40°C - +85°C
- Phase Stability vs. Flexure: $\pm 8^\circ$ @ 40 GHz
- Stainless Steel Armor
- Cable Insertion Loss: -0.79 dB per Ft @ 26 GHz
- Amplitude Stability: $< \pm 0.1$ dB through 40 GHz

ELECTRICAL SPECIFICATIONS

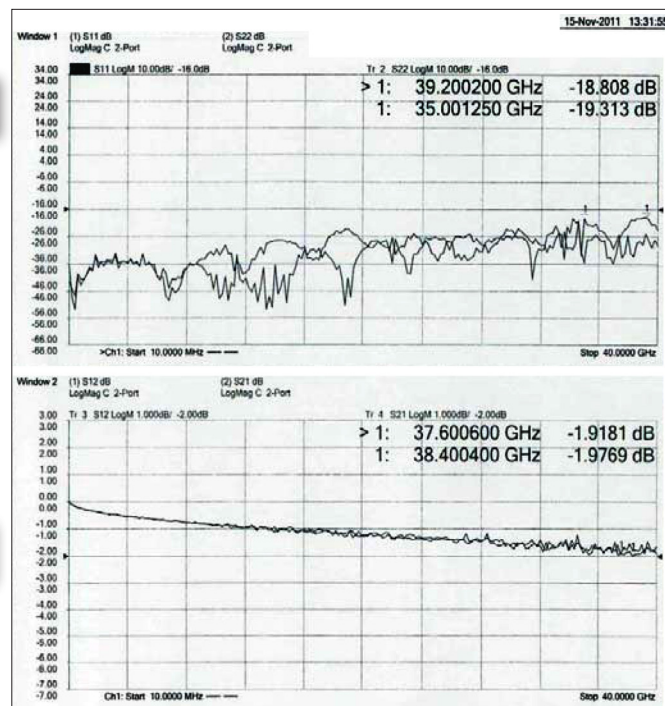
Max Frequency (GHz)	46				
Capacitance (pF/Ft)	26				
Velocity Propagation (%)	78				
RF Leakage @ 18 GHz (dB)	<-100				
Time Delay (ns/Ft)	1.30				
Impedance (Ohms)	50 $\pm$ 2				
Frequency (GHz)	1	6	18	26	40
Power CW (Watts)	400	215	125	100	75
Phase Stability vs. Flexure ($^\circ$)	± 0.4	± 1.2	± 3.6	± 5.3	± 8.0

MECHANICAL SPECIFICATIONS

Cable Max Dia. (Inch)	0.305
Min. bend radius (Inch)	2.0
Recommend Bend Radius (Inch)	2.0
Temperature Range ($^\circ$ C)	-65 to +200

MATERIALS AND FINISHES

DESCRIPTION	MATERIALS	FINISH OR COLOR
Cable Jacket	OFHC Copper	Silver Plated
Marker	Mil-I-23053	White
Contacts	BeCu	Gold Plated
Insulators	PTFE	None
Connector Bodies	Stainless Steel	Passivated
Connector Nuts	Stainless Steel	Passivated
Gasket	Silicon Rubber	A-A-59588



Test Data: 2.92 Male to 2.92 Female, DC - 40GHz

HOW TO ORDER: HBTC-XX-XX-L00***

***Example: HBTC-29P-29J-L

1. Cable Type
2. Connectors: (A&B) 2.92 Male = 29P
2.92 Female = 29J
3. Length in Inches L = Inches