

SUHNER TEST+MEASUREMENT PHASE-MATCHED ADAPTORS

Complete sets of adaptors



In phase and propagation time measurements, the electrical length of the connection between the measurement unit and the device under test must be identical during calibration and the actual measurement process.

For these applications, HUBER+SUHNER has developed the adaptors described below. Within the series (PC7, SK), they all have the identical electrical length, thereby allowing precise calibrations during phase-critical measurements.

The adaptors are supplied in a wooden box with a foamed plastic insert, which optimally protects the adaptors both during handling and during storage.

Empty boxes

Empty boxes 76 Z-0-0-76 (series PC7), 73 Z-0-0-479 (series SK) and matching foamed plastic inserts are also available

Series PC7

185	Type	73 Z-0-0-480
Item	23008384	
Interface 1	PC7	
Interface 2	Given by the adaptor	
Max. frequency	18 GHz	
Phase matching	$\pm 2^\circ$ @ 18 GHz	
Set consists of:	32 PC3.5-PC7-50-3 (Product 193) 32 N-PC7-50-5 (Product 194) 32 PC7-TNC-50-52 (Product 195) 33 PC7-PC3.5-50-3 (Product 196) 33 PC7-N-50-5 (Product 197) 33 PC7-TNC-50-52 (Product 198)	

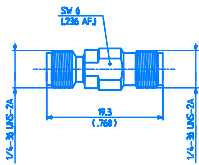
Series SK

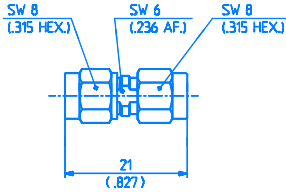
186	Type	73 Z-0-0-481
Item	23009292	
Interface 1	SK	
Interface 2	Given by the adaptor	
Max. frequency	40 GHz	
Phase matching	$\pm 3.5^\circ$ @ 40 GHz	
Set consists of:	31 SK-50-0-1 (Product 187) 32 SK-50-0-1 (Product 188) 33 SK-50-0-1 (Product 189) 32 PC2.4-SK-50-1 (Product 190) 33 PC2.4-SK-50-2 (Product 191) 33 SK-PC2.4-50-1 (Product 192)	

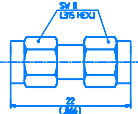
SUHNER TEST+MEASUREMENT PHASE-MATCHED ADAPTORS

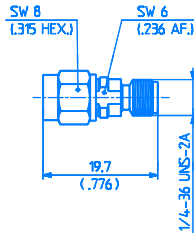
50 Ω

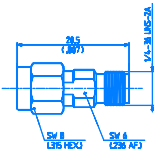
Series SK

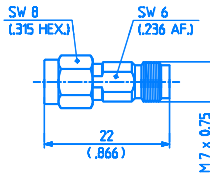
187	Type	31 SK-50-0-1
		
Item	23004726	
Interface 1	SK(f)	
Interface 2	SK(f)	
Max. freq.	40 GHz	
VSWR	≤40 GHz ≤ 1.2	

190	Type	32 PC2.4-SK-50-1
		
Item	23004729	
Interface 1	PC2.4(m)	
Interface 2	SK(m)	
Max. freq.	40 GHz	
VSWR	≤40 GHz ≤ 1.12	

188	Type	32 SK-50-0-1
		
Item	23004727	
Interface 1	SK(m)	
Interface 2	SK(m)	
Max. freq.	40 GHz	
VSWR	≤40 GHz ≤ 1.2	

191	Type	33 PC2.4-SK-50-2
		
Item	23004730	
Interface 1	PC2.4(m)	
Interface 2	SK(f)	
Max. freq.	40 GHz	
VSWR	≤40 GHz ≤ 1.12	

189	Type	33 SK-50-0-1
		
Item	23004728	
Interface 1	SK(m)	
Interface 2	SK(f)	
Max. freq.	40 GHz	
VSWR	≤40 GHz ≤ 1.2	

192	Type	33 SK-PC2.4-50-1
		
Item	23004731	
Interface 1	SK(m)	
Interface 2	PC2.4(f)	
Max. freq.	40 GHz	
VSWR	≤40 GHz ≤ 1.12	

SUHNER TEST+MEASUREMENT

PHASE-MATCHED ADAPTORS

50 Ω

Series PC7

193 Type 32 PC3.5-PC7-50-3

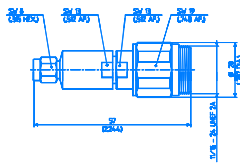
Item 23003902

Interface 1 PC3.5(m)

Interface 2 PC7

Max. freq. 18 GHz

VSWR
≤18 GHz ≤ 1.06



196 Type 33 PC7-PC3.5-50-3

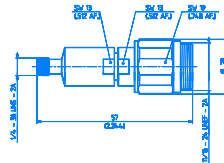
Item 23003919

Interface 1 PC7

Interface 2 PC3.5(f)

Max. freq. 18 GHz

VSWR
≤18 GHz ≤ 1.06



194 Type 32 N-PC7-50-5

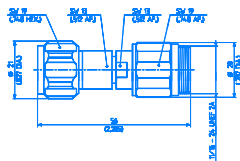
Item 23003840

Interface 1 N(m)

Interface 2 PC7

Max. freq. 18 GHz

VSWR
≤18 GHz ≤ 1.03
+ 0.002•f



197 Type 33 PC7-N-50-5

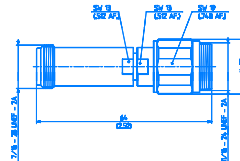
Item 23004036

Interface 1 PC7

Interface 2 N(f)

Max. freq. 18 GHz

VSWR
≤18 GHz ≤ 1.03
+ 0.002•f



195 Type 32 PC7-TNC-50-52

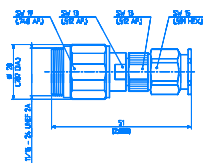
Item 23003983

Interface 1 PC7

Interface 2 TNC(m)

Max. freq. 18 GHz

VSWR
≤18 GHz ≤ 1.03
+ 0.009•f



198 Type 33 PC7-TNC-50-52

Item 23003920

Interface 1 PC7

Interface 2 TNC(f)

Max. freq. 18 GHz

VSWR
≤18 GHz ≤ 1.03
+ 0.009•f

