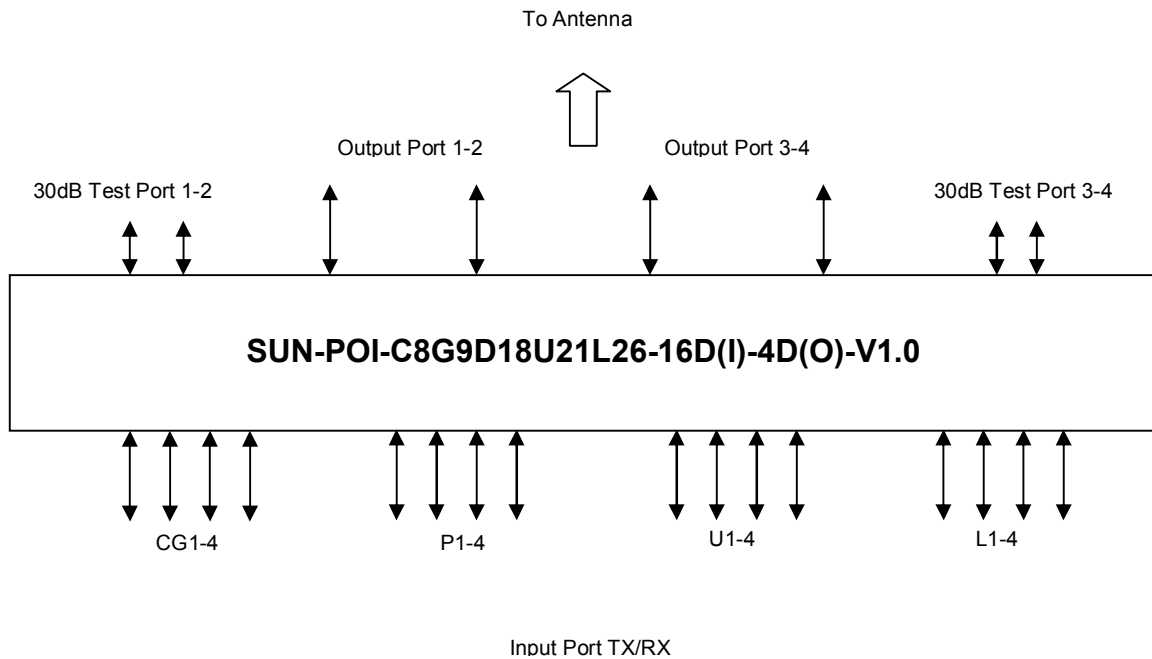




Sunny Point-Of-Interconnect (POI) For CDMA800GSM900x4/ PCN1800x4/UMTSx4/LTE_x4 Duplex Input with 4xDuplex Output

Model : SUN-POI-C8G9D18U21L26-16D(I)-4D(O)-V1.0

A) Block Diagram





B. Technical Specification

Model	SUN-POI-C8G9D18U21L26-16D(I)-4D(O)-V1.0
Electrical	
Input Tx / Rx Frequency per Port	
CDMA800 GSM900 Tx / Rx 1	698-960MHz
CDMA800 GSM900 Tx / Rx 1	698-960MHz
CDMA800 GSM900 Tx / Rx 2	698-960MHz
CDMA800 GSM900 Tx / Rx 3	698-960MHz
DCS1800 Tx / Rx 1	1710-1880MHz
DCS1800 Tx / Rx 2	1710-1880MHz
DCS1800 Tx / Rx 3	1710-1880MHz
DCS1800 Tx / Rx 4	1710-1880MHz
UMTS Tx / Rx 1	1920-2170MHz
UMTS Tx / Rx 2	1920-2170MHz
UMTS Tx / Rx 3	1920-2170MHz
UMTS Tx / Rx 4	1920-2170MHz
LTE Tx/Rx 1	2500-2690MHz
LTE Tx/Rx 2	2500-2690MHz
LTE Tx/Rx 3	2500-2690MHz
LTE Tx/Rx 4	2500-2690MHz
Total Power Per Port	100W max per input
Insertion Loss To Either Output	
CDMA800GSM900 Tx/Rx 1 to 4	7.8dB max
DCS1800 Tx/Rx 1 to 4	7.8dB max
UMTS Tx/Rx 1 to 4	7.8dB max
LTE Tx/Rx 1 to 4	7.8dB max
Return Loss	
All Inputs Ports	15dB min (typ 18dB)
Input Ports Isolation	
CDMA800GSM900 to CDMA800GSM900 Ports	20dB min
DCS1800 to DCS1800 Ports	20dB min
UMTS to UMTS Ports	20dB min
LTE to LTE Ports	20dB min
Band Rejection	
CDMA > GSM	20dB min
CDMA > DCS, UMTS, LTE	80dB min
Output Ports TX1-TX2	
Return Loss (RX Port)	15dB min (typ 18dB)
Intermodulation Products	-150dBc@2x43dBm
TX/RX1 - TX/RX2 Test Port	30+/-3dB + Insertion Loss
Mechanical	
Connectors	7/16 Female
Impedance	50Ω
Operating Temperature	-10 to 80°C
MTBF	200,000 hours
Material	Casing – Steel With Zinc Coating (Black Color)
Mounting	19" Rack Mount or Floor Mount
Dimensions (LxWxH)	TBAL
Weight	TBAL

Technical data are subjected to change without notice – File : SUN-POI-C8G9D18U21L26-16D(I)-4D(O)-V1.0 2016V1.0doc