

Universal/Standard Ku-band 8W BUC

MODEL No. NJT8318 series

< Features >

- * **High Temperature Operating**
 - Operation Guarantee Temperature Range: -40 to +75 °C
- * **RF Frequency Line-up**
 - Universal Ku-band: 13.75 to 14.5 GHz
 - Standard Ku-band: 14.0 to 14.5 GHz
- * **High Efficiency Output Power (8W Model)**
 - P1dB: +39 dBm min. over temperature
 - Power Consumption: 80 W typ.
 - IM3: -28 dBc @ Pout ≤ +36 dBm
- * **Monitor & Control Line-up**
 - FSK Communication M&C
 - RS-232C Interface Serial M&C
- * **Smaller Size & Lighter Weight**
 - Dimension: 180 (L) x 130 (W) x 80 (H) mm
 - Weight: 2.4 kg



< Line-Up >

Model No.	RF Frequency	Local Frequency	IF Frequency	Output Power @ P1dB	IF Connector	Power Supply	Port for Voltage Input	M&C Option								
NJT8318N	14.0 to 14.5 GHz (Standard Ku-band)	13.05 GHz	950 to 1,450 MHz	8W Linear (+39dBm min.)	N-type	+18 to +60 V DC Power	IF Connector	N/A								
NJT8318F					F-type		MS Connector * Note 2 (IF Connector Option)									
NJT8318NM					N-type	AC Power Option			IF Connector * Note 1							
NJT8318FM					F-type		+18 to +60 V DC Power		IF Connector							
NJT8318NA					N-type	MS Connector (IF Connector Option) * Note 2			FSK M&C							
NJT8318FA					F-type		AC Power Option			IF Connector * Note 1						
NJT8318NK					13.75 to 14.5 GHz (Universal Ku-band)	12.80 GHz			950 to 1,700 MHz	N-type	+18 to +60 V DC Power	IF Connector	N/A			
NJT8318FK							F-type			MS Connector * Note 2 (IF Connector Option)						
NJT8318NMK							N-type				AC Power Option	IF Connector * Note 1				
NJT8318FMK							F-type			+18 to +60 V DC Power		IF Connector				
NJT8318NMR							N-type				MS Connector (IF Connector Option) * Note 2	FSK M&C				
NJT8318FMR							F-type			AC Power Option				IF Connector * Note 1		
NJT8318NMRA							13.75 to 14.5 GHz (Universal Ku-band)				12.80 GHz	950 to 1,700 MHz		N-type	+18 to +60 V DC Power	IF Connector
NJT8318FMRA										F-type				MS Connector * Note 2 (IF Connector Option)		
NJT8318UN	N-type	AC Power Option	IF Connector * Note 1													
NJT8318UF	F-type		+18 to +60 V DC Power					IF Connector								
NJT8318UNM	N-type	MS Connector (IF Connector Option) * Note 2						FSK M&C								
NJT8318UFM	F-type		AC Power Option							IF Connector * Note 1						
NJT8318UNA	13.75 to 14.5 GHz (Universal Ku-band)	12.80 GHz						950 to 1,700 MHz		N-type				+18 to +60 V DC Power	IF Connector	N/A
NJT8318UFA			F-type							MS Connector * Note 2 (IF Connector Option)						
NJT8318UNK			N-type		AC Power Option	IF Connector * Note 1										
NJT8318UFK			F-type			+18 to +60 V DC Power			IF Connector							
NJT8318UNMK			N-type		MS Connector (IF Connector Option) * Note 2				FSK M&C							
NJT8318UFMK			F-type			AC Power Option				IF Connector * Note 1						
NJT8318UNMR			13.75 to 14.5 GHz (Universal Ku-band)		12.80 GHz				950 to 1,700 MHz	N-type			+18 to +60 V DC Power	IF Connector	N/A	
NJT8318UFMR						F-type				MS Connector * Note 2 (IF Connector Option)						
NJT8318UNMRA						N-type	AC Power Option				IF Connector * Note 1					
NJT8318UFMRA						F-type				+18 to +60 V DC Power	IF Connector					
NJT8318UNMRA				N-type		MS Connector (IF Connector Option) * Note 2	FSK M&C									
NJT8318UFMRA				F-type						AC Power Option	IF Connector * Note 1					

* Note1) Additional indoor 150W AC/DC PSU is enclosed for AC Power Option and DC Power is supplied at IF connector of BUC from AC/DC PSU via IF cable.

* Note2) MS Connector models are available to apply DC voltage via either MS Connector or IF Connector.