

1			2			3			4			5			6			7			8			9			10		11		12		13		
Customer Name																										DATE		REV.		REVISION		DRAFTING		CHECKED	
Customer Part No.																										2023. 04. 23		A/0		New		CZ		ZCY	
																										2024. 12. 09		A/3		Add datasheet		CZ		ZCY	

Spark Test		2000 ± 250 V ac
Dielectric Strength		1200V dc / 3seconds
Insulation Resistance Test		Min. 150 MΩ/Km
Conductor Resistance		Max.14.0Ω/100m at 20℃
Resistance Unbalance		Max. 5%
Skew		≤45ns /100 at 20℃
NVP		77%
Impedance	1~100MHz	100Ω ± 15%
	101~500MHz	100Ω ± 22%

Attenuation & Near End Cross Talk	Frequency (MHz)	Attenuation (dB/100M at 20°C), Max	NEXT (dB), Min	Power Sum (dB),Min
	1	2.4*	74.3*	72.3*
	4	4.5*	65.3*	63.3*
	10	7.1*	59.3*	57.3*
	16	9.7*	56.2*	54.2*
	20	10.2*	54.8*	52.8*
	31.25	12.8*	51.9*	49.9*
	62.5	18.5*	47.4*	45.4*
	100	23.8*	44.3*	42.3*
	150	29.7*	41.4*	39.4*
	200	34.8*	39.8*	37.8*
	250	39.4*	38.3*	36.3*

Note:

The asterisk (*) value are for information only. The minimum Next coupling loss for any pair combination at room temperature is to be greater than the value determined using the formula: NEXT(f MHz) $\geq$ NEXT(0.772)-15LOG10(f MHz/0.772)



										Unless specified on the drawing, tolerances are per the follows:		DRAW. NO	FP 6xxB	TITLE	Cat. 6 S/FTP STR 26AWGx4P		
												CUSTOMER					
										X. ±0.20 X° ±3 .X ±0.10 .X° ±0.3 .XX ±0.05	CUST' R P/N		/	DRAW	CZ	DATE	2024. 12. 09
										SCALE				CHECK			DATE
Material			UNIT	mm	APPROVED			SHEET									
Part Number			Note	 RoHS	 Reach			 GP	 HF	 Other							