

FLINT CONDUCTOR 740.8 KCMIL		
No.	Description	Minimum requirements
General Data		
1	Brand.	TTF POWER
2	Country of manufacture	China
Electrical Specifications		
3	Ampacity	784 amperes (based on 75° C conductor temperature, 25° C ambient and a wind speed of 0.6 m/s)
4	AC resistance at 75° C, 60 HZ.	0.108+1%Ω/km
5	DC resistance at 20 °C	0.089 Ω/km
6	Emissivity coefficient	Required by design
7	Solar absorption coefficient	Required by design
8	Modulus of elasticity (ME)	5700hBar
9	Coefficient of linear dilatation (CDL)	23*10-6
Mechanical Specifications		
10	Resistance to breakage	10,912 kgf
Physical Specifications		
11	Caliber	740.8 KCMIL
12	Type	AAAC (6201)
13	Structure	37 yarns
14	Full diameter	25.13 mm
15	Weight.	1028 - 1035 kg/km
16	Keyword	FLINT
Construction Standards		
17	Standards	ASTM B-398, ASTM B-399