

**CODIGO**

FCGXX

**DESCRIPCION**

Cable plano X vias

**UL & CSA GRADE:**

UL STYLE: 2651  
 RATE TEMPERATURE: 105°C  
 RATE VOLTAGE: 300V  
 FLAME TEST: VW-1

**CONDUCTOR: STRANDED**

AWG SIZE: 28 AWG  
 NUMBER OF STRANDS IN EACH CONDUCTOR: 7/0.127mm  
 LAY OF STRANDS IN EACH CONDUCTOR: 0.5 inch AT LEAST  
 CROSS SEC. AREA: 156 mil

**INSULATION:**

MATERIAL OF INSULATION: POLYVINYL CHLORIDE (PVC) GRAY  
 INSULATION THICKNESS AVERAGE: 9 mil  
 MIN. INSULATION THICKNESS: 7 mil

**PHYSICAL PROPERTIES: AFTER 7 DAYS AIR OVEN AT 136°C**

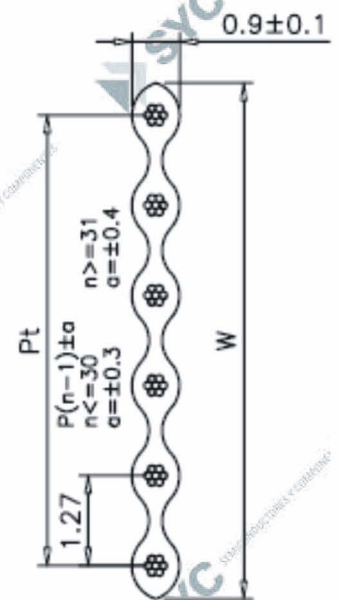
AVERAGE TENSILE STRENGTH: 1500 lbs/inch<sup>2</sup>  
 PERCENT OF ORIGINAL: 70% AT LEAST  
 AVERAGE ELONGATION: 200%  
 PERCENT OF ORIGINAL: 65% AT LEAST

**ELECTRONIC CHARACTERISTICS:**

SPARK TEST: 2500V  
 DIELECTRIC STRENGTH TEST: min. 2 KV IN 1 MINUTE  
 CONDUCTOR RESISTANCE: MAX. 237 Ω/km  
 INSULATION RESISTANCE: MIN. 1G Ω/m  
 CAPACITY: 40PF/m  
 INDUCTANCE: 1.45μH/m  
 IMPEDANCE: 100 Ω  
 PROPAGATION DELAY TIME: 4.2ns/m

**CSA STYLE: C22.2 NO.210.2**

RATE TEMPERATURE: 105°C  
 RATE VOLTAGE: 300V  
 FLAME TEST: FT1,FT2



$Pt + 1.27 \pm a$   
 $n \leq 30$        $n > 31$   
 $a \pm 0.3$        $a \pm 0.4$

