

# Estun Encoder Cable Data Sheet

## Product Specifications

Part Number: GN-ASD-120A

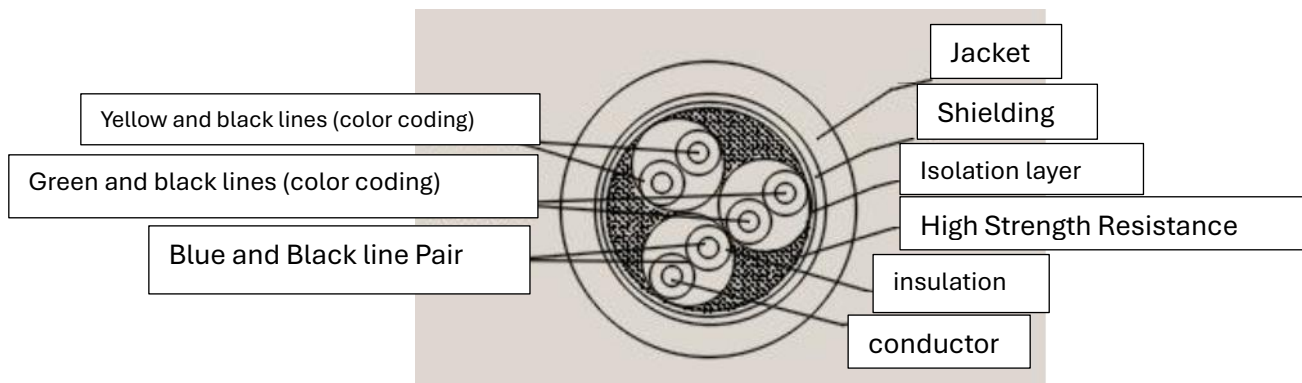
Product Name: UL 20041

Specification: 26AWG(28/0.08AS)/3P

Packaging: 305M/R

Grade	105°C 30V
Reference Standard	UL758, 1581,
UL File Number	E527361
Flame Retardant Test	VW-1 & FT1
Application Range	General Signal Connection Wire for Electrical Appliances

## Structural Characteristics



## Printing

E527361  AWM 20041 26AWG/3P 105°C 30V VW-1 c  us I/II A FT1

105°C 30V 26AWG/3P JIANG SU GUO NING POWER CABLE CO.,LTD 

# Estun Encoder Cable Data Sheet

## Product Specifications:

Guide me			
raw material		oxygen-free bare copper wire	
specification		26AWG	
conductor structure		28/0.08±0.003mm	
insulation layer			
raw material		eco-friendly 105°C SR-PVC	
nominal thickness		0.18mm	
minimum thickness		0.15mm	
outer diameter		0.85±0.08mm	
color		Yellow + Yellow/Black, Green + Green/Black, Blue + Blue/Black	
isolation			
isolation method		eco-friendly 105°C high elastic PVC	
nominal thickness		0.8mm	
minimum thickness		0.68mm	
outer diameter		5.60±0.30mm	
color		black	
electrical performance			
conductor resistance		<138Ω/Km 20°C	
insulation resistance		>50MΩ.Km 20°C	
dielectrics withstand test		500V/min	
spark test		1500V	
mechanical properties			
insulation layer	before aging	elongation rate	>125%
		tensile strength	>12.5N/mm <sup>2</sup>
	aging conditions		136.0°C×168h
	after aging	elongation rate	Un-aged 70%Min
tensile strength		Un-aged 70%Min	
sheath layer	before aging	elongation rate	>150%
		tensile strength	>10.3N/mm <sup>2</sup>
	aging conditions		136.0°C×168h
	after aging	elongation rate	Un-aged 65%Min
tensile strength		Un-aged 70%Min	
deformation test		<50% (121°C,1h)	
cold bending test		Not any cracks (-20°C±2.0°C)	
thermal shock test		Not any cracks (136±1°C)	
burning test		passed VW-1 & FT1 tests	