



# HIGH PRO<sup>®</sup> H1Z2Z2-K (1×4)

HIGH MECHANICAL PERFORMANCE  
HIGH EFFICIENCY  
1500V DC



**BELONGS TO NATURE**



## CONSTRUCTION

Type	H1Z2Z2-K
Size	1×4 mm <sup>2</sup>
Conductor	Tinned copper
Conductor (mm)	56/0.285
Conductor O.D	2.58
Insulation material	XLPO
Insulation O.D (mm)	4±0.15
Insulation Average thickness	±0.7
Insulation colour	WHITE / BLACK
Jacket material	XLPO
Jacket Average thickness (mm)	±0.8
Jacket O.D	65.6±0.15
Jacket colour	RED / BLACK

## ELECTRIC PERFORMANCE

PRODUCT STANDARD CERRIFICATION	TUV
REFEFENCE STANDARD	EN50618:2014/IEC62930
RATED VOLTAGE	DC 1500V
TEMPERATURE (°C)	-40~120°C
AC VOLTAGE TEST	6.5KV
DC Conductor Resistance at 20°C 20°C	≤3.39Ω/Km

## Mechanical characteristics

Test Object	Insulation
Test Material	XLPO
<b>Before Aging</b>	
Tensile Strenght	≥6.5
Elongation (%)	≥125
After Aging	( 150±1°C x 168 hrs )
Tensile Strenght	-30%
Elongation (%)	-30%
Test Object	JACKET
Test Material	XLPO
<b>Before Aging</b>	
Tensile Strenght	≥8.0
Elongation (%)	≥125
After Aging	( 150±1°C x 168 hrs )
Tensile Strenght	-30%
Elongation (%)	-30%
Bending Test ( -40°C ±1°C x16 H )	No Crack