

SOLAR COPPER RIBBON SOLEXUS 2100BR

With Solexus 2100BR, Alrack is very active on the market of specialty Ribbons.

Ribbons are also known as 'Tinned copper strips', 'Wire tabs', 'Tabbing' or 'Verschaltung'. They have the function of connecting the solar cells.

Unlike standard ribbon with the typical light gray color of tin, 2100BR is coated with a high-gloss material. Optical module enhancement is the main reason for black-coloured ribbons.

COATING CHARACTERISTICS

- Coating is build from base enamel and hardener
- Color: black
- Gloss: 90E in 60 degr.
- Solderability: excellent at 280 C
- Layer thickness: 0,05 mm
- UV resistant

COPPER STRIP CHARACTERISTICS

- Purity: 99,9%
- Conductivity: 99,9 IACS
- Treatment: annealed soft or semi-rigid
- Coating: tin
- Resistivity: $(2.02 \pm 0.08) \times 10^{-8} \Omega \cdot M$
- Tensile strength: more than 196 MPa
- Sizes interconnect: 1,6 - 2,0 mm
- Sizes buss bar: 4,5,6 mm
- Thickness: 0,15 - 0,25 mm
- Package: coil

