



Gloster Cables Limited

Date.....

(a) 48.934°

Stage 1: $48.934^\circ - 45^\circ = 3.934^\circ$ (CW)

Stage 2: $3.934^\circ - 22.5^\circ = -18.566^\circ$ (CW)

Stage 3: $-18.566^\circ + 11.25^\circ = -7.316^\circ$ (CCW)

Stage 4: $-7.316^\circ + 5.625^\circ = -1.691^\circ$ (CCW)

Stage 5: $-1.691^\circ + 2.8125^\circ = 1.1215^\circ$ (CCW)

Stage 6: $1.1215^\circ - 1.4062^\circ = -0.2847^\circ$ (CW)

Stage 7: $-0.2847^\circ + 0.7031^\circ = 0.4184^\circ$ (CCW)

Stage 8: $0.4184^\circ - 0.3515^\circ = 0.0669^\circ$ (CW)

Stage 9: $0.0669^\circ - 0.1751^\circ = -0.1082^\circ$ (CW)

Stage 10: $-0.1082^\circ + 0.0878^\circ = -0.0204^\circ$ (CCW)

Stage 11: $-0.0204^\circ + 0.0439^\circ = 0.0235^\circ$ (CCW)

Stage 12: $0.0235^\circ - 0.0219^\circ = 0.0016^\circ$ (CW)

Stage 13: $0.0016^\circ - 0.0109^\circ = -0.0093^\circ$ (CW)

Stage 14: $-0.0093^\circ + 0.0054^\circ = -0.0039^\circ$ (CCW)

Stage 15: $-0.0039^\circ + 0.0027^\circ = -0.0012^\circ$ (CCW)

Stage 16: $-0.0012^\circ + 0.0013^\circ = 0.0001^\circ$ (CCW)

Result = 48.9339°

Computer error = 0.0001°